

***Utah's Vital Statistics  
Births and Deaths  
1997***

November 30, 1998  
Technical Report No. 202

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This report was partially supported by contract number 200-95-7246  
awarded by the U.S. Department of Health and Human Services  
in support of the Vital Statistics Cooperative program  
of the National Center for Health Statistics

## PREFACE

This report contains data on births and deaths received by the Bureau of Vital Records, Utah Department of Health, for the year 1997.

The purpose of this report is to provide data for planners, students, researchers, public officials, private business and the general public. Data are presented for the State of Utah, the local health districts, and the counties. Marriage and divorce statistics are provided as totals in the summary section of this report and another report of the bureau treats them more extensively.

The first section of this report contains current annual and historical tables which provide trends in births, deaths and populations for the state. This is followed by a section of reference tables with more detailed information about births and deaths for the current data year. Users of Vital Records' data who want to request tabulated data not available in this report can contact the Bureau of Vital Records by one of the methods shown on the cover page.<sup>1</sup>

The Technical Appendix provides information on the sources, quality and limitations of data. It also provides information on changes that occur in the forms that are used for collecting the data. Any Errata Tables or information for the previous data year are published in the final section.

The data years for 1997 and 1998 will be the last in this annual series where cause of death will be recorded using codes from the International Classification of Diseases, ninth revision (ICD-9), adopted by the World Health Organization in 1975. In 1999 cause of death will be coded using the tenth revision (ICD-10). The National Center for Health Statistics' internet site provides more information on ICD coding from the tenth revision.<sup>2</sup>

This report is published by the staff of the Bureau of Vital Records under the direction of Barry Nangle, Ph.D., Director. Jeff Duncan is primarily responsible for preparation of this report, and the manuscript was prepared for printing by Cynthia Robison.



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***Errata***

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*1997 Summary Tables:*  
**Births and Deaths**



**Table 1. Statistical summary, estimated midyear population, births, deaths, maternal deaths, infant mortality, fetal deaths, marriages, divorces and annulments, residents: Utah, 1940-1997**

Year <sup>1</sup>	Estimated midyear population <sup>2</sup>	Births	Deaths	Maternal deaths	Infant mortality	Fetal deaths	Marriages	Divorces and annulments
1940	552,000	13,347	4,845	36	539	253	8,254	1,500
1941	551,000	13,227	4,347	26	402	268	7,263	1,360
1942	575,000	15,520	4,622	27	522	281	6,081	1,433
1943	631,000	16,940	4,713	27	539	275	6,705	1,982
1944	605,000	16,043	4,727	22	548	248	6,262	2,995
1945	591,000	15,680	4,859	21	488	268	7,034	2,651
1946	638,000	18,220	4,785	25	496	293	9,781	3,434
1947	636,000	21,724	4,996	17	545	303	7,965	2,927
1948	653,000	20,714	5,070	12	550	298	7,327	2,199
1949	671,000	21,164	4,929	5	527	297	6,402	2,166
1950	696,000	21,192	4,974	7	506	256	7,110	2,107
1951	706,000	22,769	4,895	10	565	276	6,843	2,271
1952	724,000	23,732	5,188	11	590	313	6,752	2,331
1953	739,000	23,583	5,084	5	565	301	6,926	2,433
1954	750,000	24,305	4,992	6	506	325	6,295	2,140
1955	783,000	24,602	5,092	7	507	330	6,294	2,059
1956	809,000	24,971	5,224	7	571	320	6,657	2,189
1957	826,000	26,064	5,696	8	561	317	6,672	1,565
1958	845,000	25,384	5,809	10	564	325	6,600	2,002
1959	870,000	25,645	5,879	10	514	321	6,734	2,179
1960	900,000	26,272	5,997	5	517	276	7,119	2,167
1961	936,000	26,590	6,081	7	538	263	7,401	2,360
1962	958,000	26,213	6,325	9	525	290	7,651	2,480
1963	974,000	24,952	6,544	4	464	288	8,194	2,659
1964	978,000	23,844	6,404	3	482	237	8,525	2,895
1965	991,000	22,261	6,672	5	419	224	8,736	2,872
1966	1,009,000	22,601	6,850	5	414	222	9,623	3,090
1967	1,019,000	22,948	6,516	3	383	241	10,220	3,288
1968	1,029,000	23,193	6,882	3	410	240	11,558	3,390
1969	1,047,000	24,232	6,791	4	382	238	11,633	3,841
1970	1,066,000	26,969	7,063	6	405	298	11,938	3,912
1971	1,101,000	27,552	7,245	2	382	258	12,497	4,419
1972	1,135,000	26,911	7,323	12	360	263	13,911	4,876
1973	1,170,000	27,978	7,573	5	354	219	14,840	5,137
1974	1,200,000	29,946	7,380	2	364	286	15,164	5,670
1975	1,236,000	31,667	7,519	7	415	257	14,858	6,131
1976	1,275,000	35,310	7,472	7	414	275	14,693	6,170
1977	1,320,000	37,956	7,612	5	381	318	15,098	6,947
1978	1,368,000	38,811	7,871	2	443	283	16,489	7,175
1979	1,420,000	41,078	7,871	6	438	317	16,713	7,594
1980	1,474,000	41,786	8,103	3	435	302	17,079	7,957
1981	1,515,000	41,286	8,263	1	403	316	18,346	8,259
1982	1,558,000	41,537	8,502	6	457	272	18,705	8,413
1983	1,595,000	39,441	8,484	3	344	270	18,437	8,525
1984	1,622,000	38,286	8,944	6	350	263	17,981	8,262

**Table 1 continued. Statistical summary, estimated midyear population, births, deaths, maternal deaths, infant mortality, fetal deaths, marriages, divorces and annulments, residents: Utah, 1940-1997**

Year <sup>1</sup>	Estimated midyear population <sup>2</sup>	Births	Deaths	Maternal deaths	Infant mortality	Fetal deaths	Marriages	Divorces and annulments
1985	1,643,000	37,441	9,044	6	361	263	17,461	8,719
1986	1,663,000	36,383	8,886	1	310	238	17,119	8,589
1987	1,678,000	35,285	9,055	2	312	252	16,745	8,985
1988	1,690,000	36,040	9,185	0	287	190	17,376	8,080
1989	1,706,000	35,558	9,223	2	285	226	18,598	8,110
1990	1,729,000	36,253	9,125	2	269	189	19,427	8,950
1991	1,775,000	36,019	9,576	1	222	198	19,472	8,800
1992	1,822,000	37,198	9,713	7	221	244	19,983	9,406
1993	1,866,000	37,048	10,393	2	222	204	20,181	8,794
1994	1,916,000	38,271	10,410	2	234	202	20,926	8,977
1995	1,959,351	39,554	10,854	3	206	227	21,469	8,857
1996	2,002,400	42,056	10,974	2	250	242	22,578	8,789
1997	2,048,753	43,009	11,545	2	249	211	22,900	9,065

<sup>1</sup>Population and vital records data are updated in summary tables each year and may not agree with prior reports in this series.

<sup>2</sup>Source for Historic Population Estimates: Utah Population Estimates Committee; Table 17. "Utah Population Estimates, Net Migration, Births and Deaths: 1952 to 1997"; Economic Report to the Governor 1998; Demographic and Economic Analysis; Internet site: <http://www.gvinfo.state.ut.us/dea/publications/erg98/1998erg.htm>.

**Table 2. Birth, death, natural increase, infant mortality, marriage, divorce and annulment rates and spontaneous fetal death ratios, residents: Utah and United States, 1950-1997**

Year	Birth <sup>1</sup>		Death <sup>1</sup>		Natural increase		Infant mortality <sup>2</sup>		Fetal death <sup>2</sup>		Marriage <sup>3</sup>		Divorce and annulment <sup>3</sup>	
	Utah	U.S. <sup>4</sup>	Utah	U.S. <sup>4</sup>	Utah	U.S. <sup>4</sup>	Utah	U.S. <sup>5</sup>	Utah	U.S. <sup>5</sup>	Utah	U.S. <sup>4</sup>	Utah	U.S. <sup>4</sup>
1950	30.4	24.1	7.1	9.6	23.3	14.5	23.9	29.2	12.1	19.2	10.2	11.1	3.0	2.6
1951	32.3	24.9	6.9	9.7	25.3	15.2	24.8	28.4	12.1	18.8	9.7	10.4	3.2	2.5
1952	32.8	25.1	7.2	9.6	25.6	15.5	24.9	28.4	13.2	18.3	9.3	9.9	3.2	2.5
1953	31.9	25.1	6.9	9.6	25.0	15.5	24.0	27.8	12.8	17.8	9.4	9.8	3.3	2.5
1954	32.4	25.3	6.7	9.2	25.8	16.1	20.8	26.6	13.4	17.5	8.4	9.2	2.9	2.4
1955	31.4	25.0	6.5	9.3	24.9	15.7	20.6	26.4	13.4	17.1	8.0	9.3	2.6	2.3
1956	30.9	25.2	6.5	9.4	24.4	15.8	22.9	26.0	12.8	16.5	8.2	9.5	2.7	2.3
1957	31.6	25.3	6.9	9.6	24.7	15.7	21.5	26.3	12.2	16.3	8.1	8.9	1.9	2.2
1958	30.0	24.5	6.9	9.5	23.2	15.0	22.2	27.1	12.8	16.5	7.8	8.4	2.4	2.1
1959	29.5	24.0	6.8	9.4	22.7	14.6	20.0	26.4	12.5	16.2	7.7	8.5	2.5	2.2
1960	29.2	23.7	6.7	9.5	22.5	14.2	19.7	26.0	10.5	16.1	7.9	8.5	2.4	2.2
1961	28.4	23.3	6.5	9.3	21.9	14.0	20.2	25.3	9.9	16.1	7.9	8.5	2.5	2.3
1962	27.4	22.4	6.6	9.5	20.8	12.9	20.0	25.3	11.1	15.9	8.0	8.5	2.6	2.2
1963	25.6	21.7	6.7	9.6	18.9	12.1	18.6	25.2	11.5	15.8	8.4	8.8	2.7	2.3
1964	24.4	21.1	6.5	9.4	17.8	11.7	20.2	24.8	9.9	16.4	8.7	9.0	3.0	2.4
1965	22.5	19.4	6.7	9.4	15.7	10.0	18.8	24.7	10.1	16.2	8.8	9.3	2.9	2.5
1966	22.4	18.4	6.8	9.5	15.6	8.9	18.3	23.7	9.8	15.7	9.5	9.5	3.1	2.5
1967	22.5	17.8	6.4	9.4	16.1	8.4	16.7	22.4	10.5	15.6	10.0	9.7	3.2	2.6
1968	22.5	17.6	6.7	9.7	15.9	7.9	17.7	21.8	10.3	15.8	11.2	10.4	3.3	2.9
1969	23.1	17.9	6.5	9.5	16.7	8.4	15.8	20.9	9.8	14.1	11.1	10.6	3.7	3.2
1970	25.3	18.4	6.6	9.5	18.7	8.9	15.0	20.0	11.0	14.2	11.2	10.6	3.7	3.5
1971	25.0	17.2	6.6	9.3	18.4	7.9	13.9	19.1	9.4	13.4	11.4	10.6	4.0	3.7
1972	23.7	15.6	6.5	9.4	17.3	6.2	13.4	18.5	9.8	12.7	12.3	10.9	4.3	4.0
1973	23.9	14.8	6.5	9.3	17.4	5.5	12.7	17.7	7.8	12.2	12.7	10.8	4.4	4.3
1974	25.0	14.8	6.2	9.1	18.8	5.7	12.2	16.7	9.6	11.5	12.6	10.5	4.7	4.6
1975	25.6	14.6	6.1	8.8	19.5	5.8	13.1	16.1	8.1	10.7	12.0	10.0	5.0	4.8
1976	27.7	14.6	5.9	8.8	21.8	5.8	11.7	15.2	7.8	10.5	11.5	9.9	4.8	5.0
1977	28.8	15.1	5.8	8.6	23.0	6.5	10.0	14.1	8.4	9.9	11.4	9.9	5.3	5.0
1978	28.4	15.0	5.8	8.7	22.6	6.3	11.4	13.8	7.3	9.7	12.1	10.3	5.2	5.1
1979	28.9	15.6	5.5	8.5	23.4	7.1	10.7	13.1	7.7	9.4	11.8	10.4	5.3	5.3
1980	28.3	15.9	5.5	8.8	22.9	7.1	10.4	12.6	7.2	9.2	11.6	10.6	5.4	5.2
1981	27.3	15.8	5.5	8.6	21.8	7.2	9.8	11.9	7.7	9.0	12.1	10.6	5.5	5.3
1982	26.7	15.9	5.5	8.5	21.2	7.4	11.0	11.5	6.5	8.9	12.0	10.6	5.4	5.1
1983	24.7	15.6	5.3	8.6	19.4	6.9	8.7	11.2	6.8	8.5	11.6	10.5	5.3	5.0
1984	23.6	15.6	5.5	8.6	18.1	6.9	9.1	10.8	6.9	8.2	11.1	10.5	5.1	5.0

Table 2 continued. Birth, death, natural increase, infant mortality, marriage, divorce and annulment rates and spontaneous fetal death ratios, residents: Utah and United States, 1950-1997

Year	Birth <sup>1</sup>		Death <sup>1</sup>		Natural increase		Infant mortality <sup>1</sup>		Fetal death <sup>2</sup>		Marriage <sup>3</sup>		Divorce and annulment <sup>3</sup>	
	Utah	U.S. <sup>4</sup>	Utah	U.S. <sup>4</sup>	Utah	U.S. <sup>4</sup>	Utah	U.S. <sup>5</sup>	Utah	U.S. <sup>5</sup>	Utah	U.S. <sup>4</sup>	Utah	U.S. <sup>4</sup>
1985	22.8	15.8	5.5	8.8	17.3	7.0	9.6	10.6	7.0	7.9	10.6	10.1	5.3	5.0
1986	21.9	15.6	5.3	8.8	16.5	6.9	8.5	10.4	6.5	7.7	10.3	10.0	5.2	4.9
1987	21.0	15.7	5.4	8.8	15.6	6.9	8.8	10.1	7.1	7.7	10.0	9.9	5.4	4.8
1988	21.3	16.0	5.4	8.9	15.9	7.1	8.0	10.0	5.3	7.5	10.3	9.8	4.8	4.8
1989	20.8	16.4	5.4	8.7	15.4	7.7	8.0	9.8	6.4	7.5	10.9	9.7	4.8	4.7
1990	21.0	16.7	5.3	8.6	15.7	8.1	7.4	9.2	5.2	7.5	11.2	9.8	5.2	4.7
1991	20.3	16.3	5.4	8.6	14.9	7.7	6.2	8.9	5.5	7.3	11.0	9.4	5.0	4.7
1992	20.4	15.9	5.3	8.5	15.1	7.4	5.9	8.5	6.6	7.4	11.0	9.3	5.2	4.8
1993	19.9	15.5	5.6	8.8	14.3	6.7	6.0	8.4	5.5	N.A.	10.8	9.0	4.7	4.6
1994	20.0	15.2	5.4	8.8	14.5	6.4	6.1	8.0	5.3	N.A.	10.9	9.1	4.7	4.6
1995	20.2	14.8	5.5	8.8	14.6	6.0	5.2	7.6	5.7	N.A.	11.0	8.9	4.5	4.4
1996	21.0	14.7	5.5	8.7	15.5	6.0	5.9	7.3	5.8	N.A.	11.3	8.1	4.4	4.2
1997	21.0	14.6	5.6	8.7	15.4	5.9	5.8	7.1	4.9	N.A.	11.2	7.2	4.4	4.5

<sup>1</sup>Source: National Center for Health Statistics; "Births and Deaths: Preliminary Data for 1997"; National Vital Statistics Report, Vol. 47, No. 4; Washington, Public Health Service; October 7, 1998.

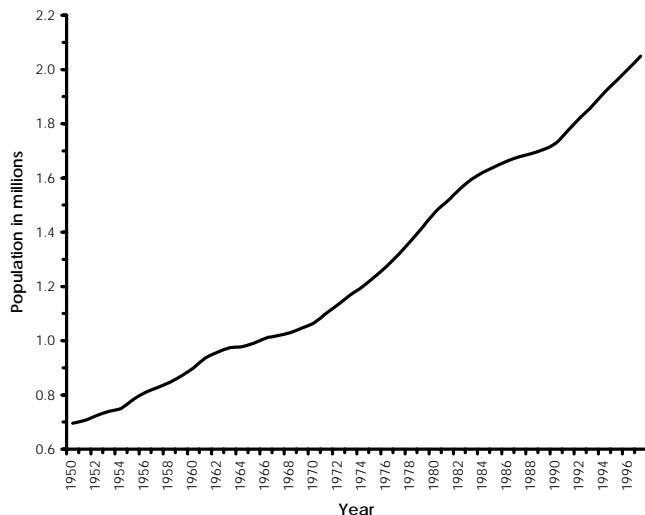
<sup>2</sup>Source: National Center for Health Statistics; Vital Statistics of the United States, 1992, Volume II, Mortality, Part A, Section 3; Washington: Public Health Service, 1996.

<sup>3</sup>Source: National Center for Health Statistics; "Births, Marriages, Divorces and Deaths for 1997"; Monthly Vital Statistics Report, Vol. 46, No. 12; Washington: Public Health Service; July 28, 1998.

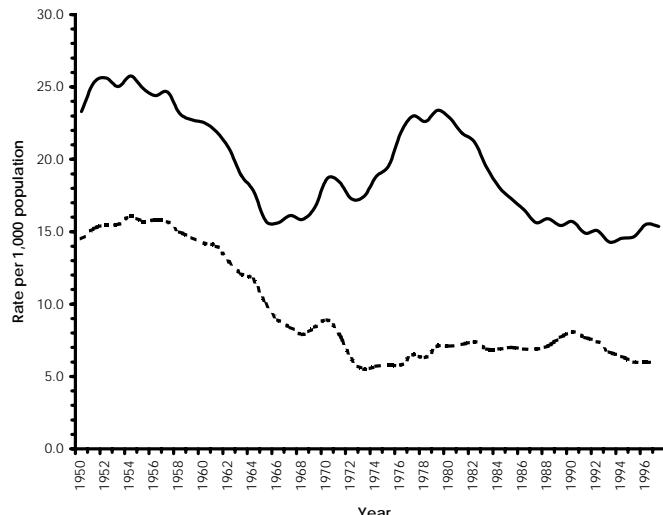
<sup>4</sup>Rates for births, deaths, marriages and divorces are per 1,000 population.

<sup>5</sup>Rates for infant mortality and ratios for spontaneous fetal death are per 1,000 live births.

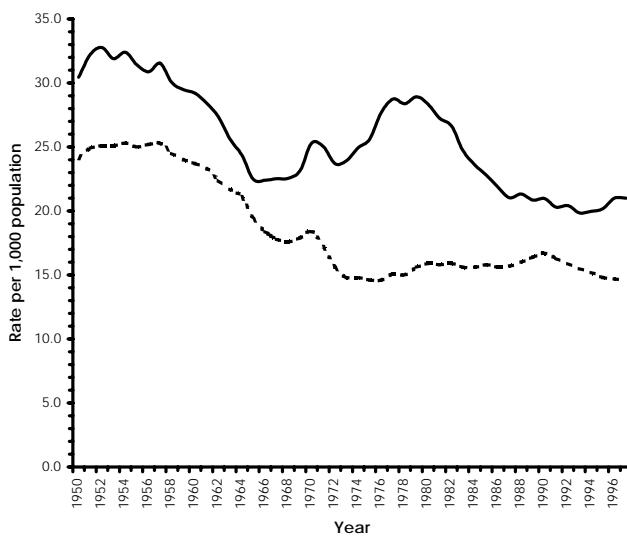
**Figure 1. Estimated resident population,  
July 1, each year: Utah 1950-1997**



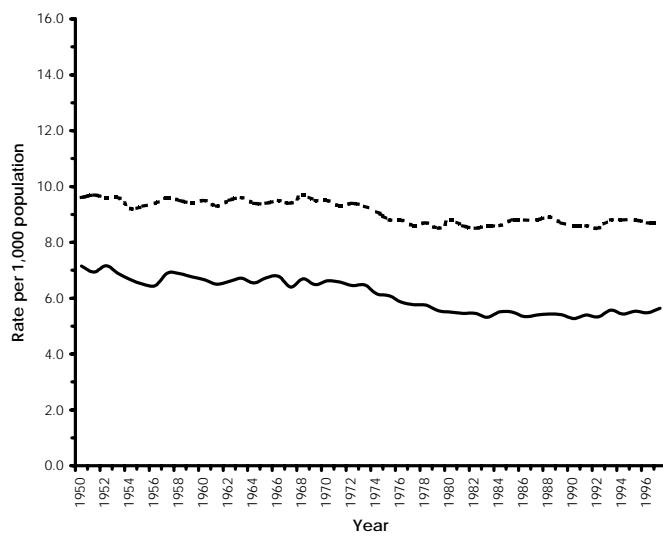
**Figure 2. Rate of natural increase:  
Utah and United States, 1950-1997**



**Figure 3. Crude birth rates:  
Utah and United States, 1950-1997**



**Figure 4. Crude death rates:  
Utah and United States, 1950-1997**



Utah \_\_\_\_\_  
U.S. - - -

**Table 3. Statistical summary, estimated midyear population, births, deaths, infant mortality, fetal deaths and abortions by local health district and county of residence: Utah, 1997**

District and county	Estimated population <sup>1</sup> 1 July 1997	Births		Deaths		Infant mortality		Fetal death		Abortions	
		Number	Rate <sup>2</sup>	Number	Rate <sup>2</sup>	Number	Rate <sup>3</sup>	Number	Rate <sup>3</sup>	Number	Rate <sup>3</sup>
Total	2,048,753	43,009	21.0	11,545	5.6	249	5.8	211	4.9	3,132	72.8
Bear River	126,209	2,804	22.2	683	5.4	7	2.5	19	6.8	102	36.4
Box Elder	40,235	721	17.9	272	6.8	0	--	6	--	19	26.4
Cache	84,186	2,054	24.4	394	4.7	6	--	13	6.3	83	40.4
Rich	1,788	29	16.2	17	9.5	1	--	0	--	0	--
Central Utah	62,563	1,153	18.4	495	7.9	5	--	12	10.4	17	14.7
Juab	7,702	168	21.8	59	7.7	0	--	1	--	1	--
Millard	12,068	209	17.3	99	8.2	1	--	5	--	6	--
Plute	1,534	20	13.0	17	11.1	0	--	0	--	0	--
Sanpete	20,581	410	19.9	158	7.7	1	--	2	--	6	--
Sevier	18,238	306	16.8	141	7.7	3	--	4	--	3	--
Wayne	2,440	40	16.4	21	8.6	0	--	0	--	1	--
Davis	224,307	4,515	20.1	912	4.1	17	3.8	16	3.5	255	56.5
Salt Lake	830,627	16,711	20.1	4,802	5.8	102	6.1	76	4.5	2,088	124.9
Southeastern	54,943	900	16.4	404	7.4	9	10.0	7	7.8	30	33.3
Carbon	21,643	325	15.0	205	9.5	3	--	3	--	21	64.6
Emery	10,929	195	17.8	80	7.3	2	--	1	--	4	--
Grand	8,830	128	14.5	62	7.0	2	--	1	--	2	--
San Juan	13,541	252	18.6	57	4.2	2	--	2	--	3	--
Southwest	121,992	2,586	21.2	877	7.2	16	6.2	10	3.9	7	2.7
Beaver	5,742	114	19.9	63	11.0	0	--	0	--	0	--
Garfield	4,525	73	16.1	32	7.1	0	--	1	--	0	--
Iron	29,338	679	23.1	168	5.7	3	--	2	--	4	--
Kane	6,039	101	16.7	42	7.0	0	--	0	--	0	--
Washington	76,348	1,619	21.2	572	7.5	13	8.0	7	4.3	3	--
Summit	24,675	402	16.3	59	2.4	3	--	6	--	93	231.3
Tooele	31,997	671	21.0	199	6.2	1	--	2	--	40	59.6
Uintah Basin	39,792	664	16.7	270	6.8	2	--	3	--	15	22.6
Daggett	753	4	--	6	--	0	--	0	--	0	--
Duchesne	14,402	248	17.2	100	6.9	1	--	1	--	6	--
Uintah	24,637	412	16.7	164	6.7	1	--	2	--	9	21.8
Utah County	330,803	8,709	26.3	1,422	4.3	61	7.0	42	4.8	186	21.4
Wasatch	12,925	241	18.6	80	6.2	2	--	1	--	11	45.6
Weber-Morgan	187,920	3,653	19.4	1,342	7.1	24	6.6	17	4.7	288	78.8
Morgan	6,875	95	13.8	34	4.9	0	--	1	--	4	--
Weber	181,045	3,558	19.7	1,308	7.2	24	6.7	16	4.5	284	79.8

<sup>1</sup>Utah Population Estimates Committee and Bureau of Economic and Business Research; Table 3: "Population Estimates for Utah by County and Multi-County District, Selected Years 1940 to 1997," (July 1 Population Estimates); Utah Economic and Business Review, Vol. 58, Nos. 1 and 2; January/February 1998.

<sup>2</sup>Rate per 1,000 population.

<sup>3</sup>Rate or ratio per 1,000 live births.

-Rates and/or ratios are not computed for fewer than seven events.

**Table 4. Births by local health district and county of residence: Utah, 1980 and 1986-1997**

District and county	Year												
	1980	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Total	41,786	36,383	35,285	36,040	35,558	36,253	36,019	37,198	37,048	38,271	39,554	42,056	43,009
Bear River	2,775	2,371	2,393	2,498	2,382	2,430	2,382	2,449	2,509	2,479	2,546	2,782	2,804
Box Elder	902	785	755	776	700	715	718	652	713	684	652	734	721
Cache	1,805	1,541	1,596	1,693	1,639	1,687	1,639	1,776	1,773	1,771	1,871	2,020	2,054
Rich	68	45	42	29	43	28	25	21	23	24	23	28	29
Central Utah	1,322	1,086	1,009	941	894	926	910	915	947	925	1,016	1,007	1,153
Juab	151	120	123	90	98	105	89	98	124	126	135	155	168
Millard	267	310	248	244	228	230	210	196	219	192	196	176	209
Piute	34	15	18	17	14	14	15	10	21	15	22	19	20
Sanpete	389	311	294	293	251	297	305	290	300	299	320	330	410
Sevier	424	290	281	267	270	250	261	295	251	258	297	284	306
Wayne	57	40	45	30	33	30	30	26	32	35	46	43	40
Davis	4,083	3,701	3,808	3,944	3,915	3,871	3,760	4,017	3,723	3,980	4,131	4,317	4,515
Salt Lake	16,577	14,920	14,636	14,761	14,536	14,914	14,782	15,223	15,222	15,379	15,692	16,663	16,711
Southeastern	1,585	1,093	1,010	942	954	913	961	899	808	837	834	879	900
Carbon	615	402	373	307	304	289	343	282	296	289	296	303	325
Emery	421	253	199	187	199	185	205	170	159	146	159	185	195
Grand	197	121	111	92	105	109	88	94	78	120	99	120	128
San Juan	352	317	327	356	346	330	325	353	275	282	280	271	252
Southwest	1,594	1,576	1,476	1,589	1,581	1,578	1,635	1,700	1,809	2,020	2,143	2,360	2,586
Beaver	123	87	69	69	85	70	77	92	86	91	104	110	114
Garfield	100	83	74	70	84	48	76	61	72	61	52	70	73
Iron	507	429	378	420	429	427	448	444	494	557	573	618	679
Kane	104	98	87	92	91	95	89	84	62	86	69	82	101
Washington	760	879	868	938	892	938	945	1,019	1,095	1,225	1,345	1,480	1,619
Summit	256	253	212	232	246	269	282	285	323	359	336	374	402
Tooele	632	542	500	464	424	506	479	483	497	521	518	610	671
Uintah Basin	1,107	953	839	731	686	703	711	702	688	671	653	660	664
Daggett	27	13	13	14	12	15	12	6	12	12	9	5	4
Duchesne	418	364	307	289	247	255	246	270	235	246	257	253	248
Uintah	662	576	519	428	427	433	453	426	441	413	387	402	412
Utah County	7,838	6,417	6,057	6,599	6,558	6,751	6,779	7,055	7,076	7,585	7,931	8,370	8,709
Wasatch	268	202	215	173	194	181	186	172	193	221	217	231	241
Weber-Morgan	3,749	3,269	3,130	3,166	3,188	3,211	3,152	3,298	3,253	3,294	3,537	3,803	3,653
Morgan	117	90	88	84	95	93	79	89	96	91	93	110	95
Weber	3,632	3,179	3,042	3,082	3,093	3,118	3,073	3,209	3,157	3,203	3,444	3,693	3,558

**Table 5. Census of population and intercensal estimates by local health district and county of residence: Utah, April 1, 1980 and 1990 and July 1, 1987-1997**

District and county	Year											
	April 1, 1980			April 1, 1990								
	Census	July 1, 1980	July 1, 1985	Census	1990	1991	1992	1993	1994	1995(r)	1996(r)*	1997
Total	1,461,037	1,474,000	1,643,000	1,722,850	1,729,000	1,775,000	1,822,000	1,866,000	1,916,000	1,959,351	2,002,400	2,048,753
Bear River	92,498	93,350	102,750	108,393	108,750	110,700	113,250	116,000	118,650	120,975	123,403	126,209
Box Elder	33,222	33,500	35,500	36,485	36,500	37,100	37,500	38,100	38,500	38,910	39,484	40,235
Cache	57,176	57,700	65,200	70,183	70,500	71,900	74,000	76,100	78,300	80,259	82,098	84,186
Rich	2,100	2,150	2,050	1,725	1,750	1,700	1,750	1,800	1,850	1,806	1,821	1,788
Central Utah	47,087	47,600	54,900	52,294	52,200	53,750	54,850	55,950	58,150	59,299	60,981	62,563
Juab	5,530	5,550	6,300	5,817	5,800	6,000	6,150	6,200	6,800	7,149	7,444	7,702
Millard	8,970	9,050	12,900	11,333	11,300	11,600	11,700	11,700	11,900	11,931	11,958	12,068
Plute	1,329	1,350	1,300	1,277	1,250	1,350	1,350	1,350	1,450	1,424	1,508	1,534
Sanpete	14,620	14,800	16,300	16,259	16,300	16,900	17,500	18,100	18,800	19,240	19,999	20,581
Sevier	14,727	14,900	15,900	15,431	15,400	15,700	16,000	16,400	16,900	17,257	17,682	18,238
Wayne	1,911	1,950	2,200	2,177	2,150	2,200	2,150	2,200	2,300	2,298	2,390	2,440
Davis	146,540	148,000	170,000	187,941	188,000	195,000	201,000	206,000	212,000	216,020	219,644	224,307
Salt Lake	619,066	625,000	697,000	725,956	728,000	747,000	765,000	777,000	792,000	806,280	818,860	830,627
Southeastern	54,124	54,650	53,400	49,801	49,700	50,300	51,050	51,700	53,050	53,635	54,247	54,943
Carbon	22,179	22,400	22,800	20,228	20,200	20,600	20,600	20,700	21,100	21,054	21,420	21,643
Emery	11,451	11,600	11,100	10,332	10,300	10,200	10,200	10,400	10,600	10,735	10,811	10,929
Grand	8,241	8,250	7,200	6,620	6,600	6,800	7,150	7,500	7,950	8,352	8,801	8,830
San Juan	12,253	12,400	12,300	12,621	12,600	12,700	13,100	13,100	13,400	13,494	13,215	13,541
Southwest	55,489	56,050	70,900	83,263	83,900	87,600	91,750	97,150	103,650	110,883	116,874	121,992
Beaver	4,378	4,400	5,050	4,765	4,800	4,850	4,900	5,000	5,150	5,350	5,607	5,742
Garfield	3,673	3,700	4,000	3,980	3,950	4,100	4,100	4,200	4,200	4,308	4,386	4,525
Iron	17,349	17,500	20,100	20,789	20,900	21,500	22,400	23,800	25,200	26,866	28,032	29,338
Kane	4,024	4,050	4,950	5,169	5,150	5,250	5,350	5,450	5,700	5,884	5,957	6,039
Washington	26,065	26,400	36,800	48,560	49,100	51,900	55,000	58,700	63,400	68,475	72,892	76,348
Summit	10,198	10,400	13,000	15,518	15,700	17,000	18,400	19,700	21,100	22,367	23,562	24,675
Tooele	26,033	26,200	27,300	26,601	26,700	27,200	27,800	28,100	29,300	29,547	30,493	31,997
Uintah Basin	33,840	34,150	40,300	35,546	35,500	36,600	37,200	37,500	38,950	38,652	39,111	39,792
Daggett	769	750	700	690	700	700	700	700	750	768	803	753
Duchesne	12,565	12,700	14,700	12,645	12,600	12,800	12,900	13,200	13,500	13,549	14,032	14,402
Uintah	20,506	20,700	24,900	22,211	22,200	23,100	23,600	23,600	24,700	24,335	24,276	24,637
Utah County	218,106	220,000	245,000	263,590	266,000	272,000	279,000	291,000	299,000	307,741	317,881	330,803
Wasatch	8,523	8,650	9,200	10,089	10,100	10,700	10,800	11,200	11,800	12,179	12,585	12,925
Weber-Morgan	149,533	149,950	159,250	163,858	164,550	167,650	171,850	175,150	178,350	181,773	184,759	187,920
Morgan	4,917	4,950	5,250	5,528	5,550	5,650	5,850	6,150	6,350	6,497	6,693	6,875
Weber	144,616	145,000	154,000	158,330	159,000	162,000	166,000	169,000	172,000	175,276	178,066	181,045

(r)=revised

Note: Prior to 1995, totals may not add due to rounding.

\*In 1996, the Utah Population Estimates Committee changed its convention on rounded estimates so that it now publishes unrounded estimates. Accordingly, the estimates for 1995, 1996 and 1997 are not rounded.

Source for Historic Population Estimates: Utah Population Estimates Committee; Table 20. "Utah Population Estimates by County: 1980, 1985 to 1997"; Economic Report to the Governor 1998; Demographic and Economic Analysis; Internet site: <http://www.gvnofo.state.ut.us/dea/publications/erg98/1998erg.htm>.

**Table 6. Population density by land area (frontier, rural and urban) and county of residence: Utah, 1997**

Land area and county	Area in square miles <sup>1</sup>	Estimated population July 1,1997 <sup>2</sup>	Population density per sq mi
Total	82,170	2,048,753	24.9
Frontier <sup>3</sup>	57,301	146,927	2.6
Garfield	5,175	4,525	0.9
Wayne	2,461	2,440	1.0
Daggett	698	753	1.1
Kane	3,992	6,039	1.5
San Juan	7,821	13,541	1.7
Rich	1,029	1,788	1.7
Millard	6,590	12,068	1.8
Piute	758	1,534	2.0
Beaver	2,590	5,742	2.2
Juab	3,392	7,702	2.3
Grand	3,682	8,830	2.4
Emery	4,452	10,929	2.5
Duchesne	3,238	14,402	4.4
Tooele	6,946	31,997	4.6
Uintah	4,477	24,637	5.5
Rural <sup>4</sup>	21,253	335,044	15.8
Box Elder	5,724	40,235	7.0
Iron	3,299	29,338	8.9
Sevier	1,910	18,238	9.5
Wasatch	1,181	12,925	10.9
Morgan	609	6,875	11.3
Sanpete	1,588	20,581	13.0
Summit	1,871	24,675	13.2
Carbon	1,479	21,643	14.6
Washington	2,427	76,348	31.5
Cache	1,165	84,186	72.3
Urban <sup>5</sup>	3,616	1,566,782	433.3
Utah County	1,998	330,803	165.6
Weber	576	181,045	314.3
Davis	305	224,307	735.4
Salt Lake	737	830,627	1,127.0

<sup>1</sup>Bureau of the Census, "Land Area and Population Density: 1990," 1990 Census of Population and Housing: Summary Population and Housing Characteristics Utah, CPH-1-46, Washington, DC, August 1991.

<sup>2</sup>Utah Population Estimates Committee and Bureau of Economic and Business Research; Table 3: "Population Estimates for Utah by County and Multi-County District, Selected Years 1940 to 1997," (July 1 Population Estimates); Utah Economic and Business Review, Vol. 58, Nos. 1 and 2; January/February 1998.

<sup>3</sup>Six or fewer persons per square mile.

<sup>4</sup>Six but less than 100 persons per square mile.

<sup>5</sup>One hundred or more persons per square mile.

**Table 7. Population, births and deaths by land area of residence: Utah, 1997**

Land Areas	Estimated population 7/01/94	Births		Deaths	
		Number	Rate <sup>1</sup>	Number	Rate <sup>1</sup>
Total	2,048,753	43,009	21.0	11,545	5.6
Frontier <sup>2</sup>	146,927	2,664	18.1	1,018	6.9
Rural <sup>3</sup>	335,044	6,852	20.5	2,083	6.2
Urban <sup>4</sup>	1,566,782	33,493	21.4	8,444	5.4

<sup>1</sup>Rate per 1,000 population.

<sup>2</sup>Six or fewer persons per square mile.

<sup>3</sup>Six but less than 100 persons per square mile.

<sup>4</sup>One hundred or more persons per square mile.

**Table 8. Infant mortality total, neonatal and postneonatal by land area of residence: Utah, 1997**

Land Areas	Total		Neonatal deaths		Postneonatal deaths	
	Number	Rate <sup>1</sup>	Number	Rate <sup>1</sup>	Number	Rate <sup>1</sup>
Total	249	5.8	153	3.6	96	2.2
Frontier <sup>2</sup>	11	4.1	4	--	7	2.6
Rural <sup>3</sup>	34	5.0	19	2.8	15	2.2
Urban <sup>4</sup>	204	6.1	130	3.9	74	2.2

<sup>1</sup>Rate per 1,000 live births.

<sup>2</sup>Six or fewer persons per square mile.

<sup>3</sup>Six but less than 100 persons per square mile.

<sup>4</sup>One hundred or more persons per square mile.

\*Rates are not computed for fewer than seven events.

**Table 9. Fetal deaths, low-weight births, births to unmarried mothers and abortions by land area of residence: Utah, 1997**

Land Areas	Fetal deaths		Low birthweight <2,500 grams		Unmarried mothers		Induced abortions	
	Number	Ratio <sup>1</sup>	Number	Rate <sup>1</sup>	Number	Rate <sup>1</sup>	Number	Ratio <sup>1</sup>
Total	211	4.9	2,833	65.9	7,145	166.1	3,132	72.8
Frontier <sup>2</sup>	16	6.0	202	75.8	598	224.5	72	27.0
Rural <sup>3</sup>	45	6.6	395	57.6	866	126.4	247	36.0
Urban <sup>4</sup>	150	4.5	2,236	66.8	5,681	169.6	2,813	84.0

<sup>1</sup>Rate or ratio per 1,000 births.

<sup>2</sup>Six or fewer persons per square mile.

<sup>3</sup>Six but less than 100 persons per square mile.

<sup>4</sup>One hundred or more persons per square mile.

Table 10. Female population, births and fertility rates resident females 15-44 years of age: Utah and the United States, 1970-1997

Year	Utah				U. S. <sup>3</sup>			
	Female population ages 15-44 <sup>1</sup>	Live births	Fer-tility rate <sup>2</sup>	Percent change	Total		White	
					Fer-tility rate	Percent change	Fer-tility rate	Percent change
1970	231,158	26,969	116.7	--	87.9	--	84.1	--
1971	241,087	27,552	114.3	-2.0	81.6	-7.2	77.3	-8.1
1972	250,730	26,911	107.3	-6.1	73.1	-10.4	68.9	-10.9
1973	260,323	27,978	107.5	0.1	68.8	-5.9	64.9	-5.8
1974	268,583	29,946	111.5	3.7	67.8	-1.5	64.2	-1.1
1975	278,826	31,667	113.6	1.9	66.0	-2.7	62.5	-2.6
1976	289,417	35,310	122.0	7.4	65.0	-1.5	61.5	-1.6
1977	301,159	37,956	126.0	3.3	66.8	2.8	63.2	2.8
1978	313,892	38,811	123.6	-1.9	65.5	-1.9	61.7	-2.4
1979	327,658	41,078	125.4	1.4	67.2	2.6	63.4	2.8
1980	339,799	41,786	123.0	-1.9	68.4	1.8	65.6	3.5
1981	351,700	41,286	117.4	-4.5	67.3	-1.6	64.8	-1.2
1982	361,040	41,537	115.0	-2.0	67.3	0.0	64.8	0.0
1983	368,973	39,441	106.9	-7.1	65.7	-2.4	63.4	-2.2
1984	374,597	38,286	102.2	-4.4	65.5	-0.3	63.2	-0.3
1985	378,827	37,441	98.8	-3.3	66.3	1.2	64.1	1.4
1986	382,834	36,383	95.0	-3.8	65.4	-1.4	63.1	-1.6
1987	385,698	35,285	91.5	-3.7	65.8	0.6	63.3	0.3
1988	387,881	36,040	92.9	1.6	67.3	2.3	64.5	1.9
1989	390,989	35,538	90.9	-2.2	69.2	2.8	66.4	2.9
1990	395,781	36,253	91.6	0.8	70.9	2.5	68.3	2.9
1991	409,884	36,019	87.9	-4.1	69.6	-1.8	67.0	-1.9
1992	422,735	37,198	88.0	0.1	68.9	-1.0	66.5	-0.7
1993	435,702	37,077	85.1	-3.3	67.6	-1.9	65.4	-1.7
1994	450,382	38,271	85.0	-0.1	66.7	-1.3	64.9	-0.8
1995	462,767	39,556	85.5	0.6	65.6	-1.6	65.6	1.1
1996	474,583	42,056	88.6	3.7	65.3	-0.5	65.7	0.2
1997	485,705	43,009	88.5	-0.1	65.3	0.0	64.2	N.A.*

<sup>1</sup>Economic and Demographic Analysis Section; Internet site: [http://www.qget.state.ut.us/projections/Downloads/SYA\\_Files/](http://www.qget.state.ut.us/projections/Downloads/SYA_Files/); May 9, 1997.

<sup>2</sup>Live births divided by the population of females 15-44 years of age and multiplied by 1,000.

<sup>3</sup>National Center for Health Statistics; "Births and Deaths: Preliminary Data for 1997"; National Vital Statistics Report, Vol. 47, No. 4; Washington: Public Health Service; October 7, 1998.

\*The National Vital Statistics Report: "Births and Deaths: Preliminary Data for 1997," states that the U.S. white fertility rate from 1996 to 1997 changed less than one percent.

**Table 11. Gender ratios, number of males per 100 female births, residents: Utah and United States, 1960-1997**

Year	Birth gender ratio	
	Utah residents	U.S. <sup>1</sup> residents
1960	105.1	104.9
1961	104.9	105.0
1962	104.2	104.8
1963	102.8	105.3
1964	105.2	104.7
1965	105.7	105.1
1966	105.9	104.9
1967	105.9	105.0
1968	104.9	105.3
1969	105.1	105.3
1970	106.2	105.5
1971	105.0	105.2
1972	103.1	105.1
1973	104.6	105.2
1974	103.6	105.5
1975	104.5	105.4
1976	106.3	105.3
1977	105.6	105.3
1978	105.1	105.3
1979	105.8	105.2
1980	105.5	105.3
1981	105.4	105.2
1982	105.0	105.1
1983	106.3	105.2
1984	106.0	105.0
1985	105.3	105.2
1986	105.3	105.1
1987	104.1	105.0
1988	104.9	105.0
1989	106.7	105.0
1990	105.0	105.0
1991	106.3	104.6
1992	104.7	105.0
1993	107.2	105.0
1994	106.8	104.8
1995	104.1	104.9
1996	107.7	104.7
1997	105.4	N.A.

<sup>1</sup>National Center for Health Statistics: "Report of Final Natality Statistics, 1996;" Monthly Vital Statistics Report, 46, 11(S), p 8; Washington: Public Health Service; June 30, 1998.

**Table 12. Low birthweight percent (less than 2,500 grams<sup>1</sup>) by race, residents: Utah and United States, 1970-1997**

Year	Utah			United States <sup>2</sup>			
	Total	White	Black	Other	Total	White	Black
<b>Race of Child<sup>3</sup>:</b>							
1970	6.5	6.5	12.9	8.3	7.9	6.8	13.9
1971	6.2	6.1	9.4	8.3	7.7	6.6	13.4
1972	6.0	6.0	11.9	7.0	7.7	6.5	13.6
1973	5.5	5.5	14.7	4.8	7.6	6.4	13.3
1974	5.3	5.2	17.9	6.4	7.4	6.3	13.1
1975	5.3	5.3	13.8	5.6	7.4	6.3	13.1
1976	5.4	5.3	14.0	6.1	7.3	9.1	13.0
1977	5.2	5.2	13.3	5.6	7.1	5.9	12.8
1978	5.6	5.6	7.3	5.4	7.1	5.9	12.9
1979	5.6	5.5	11.2	5.9	6.9	5.8	12.6
1980	5.3	5.2	9.6	5.5	6.8	5.7	12.5
1981	5.4	5.4	8.7	5.8	6.8	5.7	11.4
1982	5.6	5.5	11.4	6.8	6.8	5.6	11.2
1983	5.6	5.5	10.3	6.5	6.8	5.7	12.6
1984	5.6	5.4	10.1	8.5	6.7	5.6	12.4
1985	5.7	5.6	10.4	6.0	6.8	5.6	12.4
1986	5.4	5.3	9.3	6.3	6.8	5.6	12.5
1987	5.7	5.6	10.6	7.0	6.9	5.7	12.7
1988	5.7	5.6	11.8	6.9	6.9	5.6	13.0
1989	5.7	5.6	10.8	5.4	7.0	5.7	13.5
<b>Race of Mother<sup>3</sup>:</b>							
1990	5.7	5.7	12.8	5.6	7.0	5.7	13.3
1991	6.0	6.0	14.0	5.9	7.1	5.8	13.6
1992	5.7	5.6	9.1	6.0	7.1	5.8	13.3
1993	5.9	5.9	9.0	7.4	7.2	6.0	13.3
1994	5.9	5.9	10.1	5.2	7.3	6.1	13.2
1995	6.3	6.2	10.6	7.2	7.3	6.2	13.1
1996	6.6	6.6	11.9	7.1	7.4	6.3	13.0
1997	6.6	6.5	14.2	7.6	7.5	6.5	13.0

<sup>1</sup>Low birthweight is defined, effective January 1, 1979, as "less than 2,500 grams" (or 5 pounds 8 ounces). This definition was changed in the ninth revision of the International Classification of Disease (ICD-9), 1978. Prior to this change, low birthweight was defined as "2,500 grams or less."

<sup>2</sup>Source: National Center for Health Statistics; "Births and Deaths: Preliminary Data for 1997"; National Vital Statistics Report, Vol. 47, No. 4; Washington: Public Health Service; October 7, 1998.

<sup>3</sup>In order to be consistent with the National Center for Health Statistics, in 1990 we began tabulating births primarily by race of mother. Previous years are based on race of child.

**Table 13. Births to unmarried mothers by age of woman, residents: Utah, 1970-1997**

Year	Total	Year								
		Under			45 and Over					
15	15-19	20-24	25-29	30-34	35-39	40-44	Over	Known		
1970	1,208	14	588	441	100	40	20	5	0	7
1971	1,058	11	500	382	105	38	19	3	0	0
1972	1,134	23	574	379	83	42	26	5	2	25
1973	1,215	23	638	381	112	40	15	6	0	1
1974	1,135	16	564	380	114	40	18	3	0	3
1975	1,318	32	642	439	136	48	18	3	0	3
1976	1,492	20	735	479	168	65	21	4	0	1
1977	1,803	30	880	584	211	73	22	2	1	3
1978	2,160	28	997	732	274	89	30	9	1	0
1979	2,315	18	1,061	784	295	116	35	5	1	1
1980	2,604	28	1,163	894	344	128	42	5	0	1
1981	2,693	29	1,094	1,005	385	136	36	7	1	1
1982	2,899	27	1,150	1,046	433	163	70	10	0	0
1983	2,962	22	1,120	1,077	464	196	68	15	0	0
1984	2,958	19	1,093	1,056	505	200	70	14	1	0
1985	3,248	23	1,181	1,186	543	217	89	8	1	11
1986	3,569	28	1,323	1,306	599	218	86	9	0	0
1987	3,919	26	1,484	1,313	710	270	100	16	0	0
1988	4,218	26	1,572	1,428	762	314	96	20	0	0
1989	4,497	31	1,657	1,544	800	330	112	23	0	5
1990	4,890	39	1,772	1,673	833	412	128	29	4	20
1991	5,195	37	1,911	1,845	815	408	149	28	2	1
1992	5,628	48	2,044	2,007	884	432	181	32	0	3
1993	5,733	40	2,210	1,961	844	455	176	36	1	10
1994	6,002	47	2,295	2,075	894	475	178	31	3	4
1995	6,216	53	2,442	2,071	946	477	194	31	2	0
1996	6,825	42	2,580	2,331	1,095	502	224	45	1	5
1997	7,145	54	2,699	2,458	1,080	545	240	52	0	17

**Table 14. Birth rates to unmarried mothers per 1,000 live births by age of woman, residents: Utah, 1970-1997**

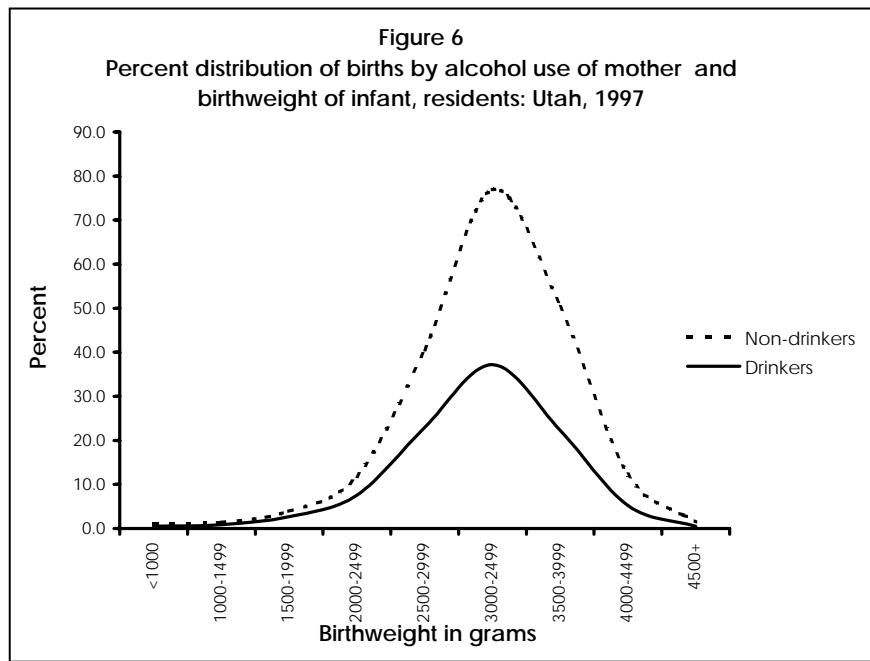
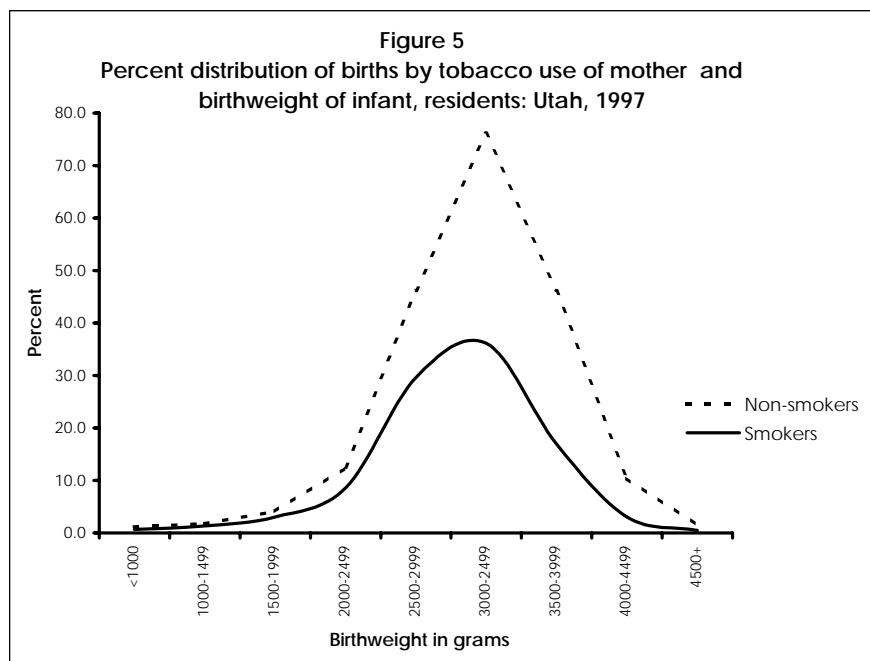
Year	Total	Year					
		Under 15	15-19	20-24	25-29	30-34	35 and over
1970	45.0	736.8	176.3	41.0	13.4	11.4	13.4
1971	38.4	611.1	156.3	34.1	13.9	10.6	11.8
1972	42.2	821.4	164.9	36.2	10.9	12.1	18.2
1973	43.5	766.7	178.4	35.4	13.7	10.8	11.9
1974	38.0	666.7	156.7	32.2	13.0	9.9	12.4
1975	41.7	780.5	171.8	35.9	14.4	11.0	11.6
1976	42.3	689.7	188.4	35.6	15.5	13.0	12.2
1977	47.6	857.1	207.9	40.7	18.4	12.9	11.4
1978	55.7	717.9	227.8	50.8	23.7	14.9	16.5
1979	56.4	642.9	233.5	51.8	23.8	18.3	15.6
1980	62.3	777.8	255.0	57.9	27.6	19.5	17.3
1981	65.3	852.9	249.0	67.2	30.7	20.2	16.7
1982	69.8	843.8	273.0	71.0	33.7	23.8	27.9
1983	75.1	666.7	308.5	80.3	37.1	28.1	28.7
1984	77.3	904.8	330.7	82.6	40.8	29.0	29.5
1985	87.0	884.6	359.4	98.2	44.5	30.9	35.1
1986	98.0	933.3	392.2	114.5	49.7	32.2	34.6
1987	111.1	963.0	448.3	124.2	60.3	39.5	42.0
1988	117.0	866.7	473.4	135.0	63.2	43.9	39.8
1989	126.6	861.1	474.5	145.9	70.1	46.7	45.9
1990	135.4	928.6	481.9	154.6	73.3	56.7	58.7
1991	144.3	840.9	500.0	165.2	75.2	58.8	60.3
1992	151.3	923.1	528.7	174.3	80.3	58.8	63.7
1993	154.6	888.9	560.8	168.3	79.0	61.5	53.0
1994	156.8	979.2	567.5	174.1	79.0	64.1	50.4
1995	157.1	929.8	578.8	167.7	79.6	63.6	64.1
1996	162.3	933.3	582.5	177.1	83.9	66.3	71.7
1997	166.1	964.3	600.6	180.4	82.6	69.7	74.7

**Table 15. Percent distribution of births by tobacco use of mother (average number of cigarettes per day per trimester) and birthweight of infant, residents: Utah, 1997**

Tobacco use by mother	Total	Birthweight in grams									
		Under 1000	1000- 1499	1500- 1999	2000- 2499	2500- 2999	3000- 3499	3500- 3999	4000- 4499	4500 and over	Not stated
Total	100.0	0.5	0.5	1.3	4.3	17.7	39.7	28.1	7.0	0.9	0.1
Yes	100.0	0.7	1.3	3.1	8.6	29.6	36.2	17.0	3.0	0.5	0.0
Number of cigarettes											
None	100.0	0.0	0.0	1.6	4.8	16.8	35.2	32.0	6.4	3.2	0.0
1 to 10	100.0	0.8	1.5	2.8	7.7	29.4	36.1	17.9	3.4	0.3	0.0
11 to 20	100.0	0.4	1.2	3.8	11.6	31.2	36.0	13.5	1.9	0.4	0.0
21 or more	100.0	0.0	0.0	5.5	8.8	35.2	39.6	7.7	2.2	1.1	0.0
Unknown	100.0	0.0	0.0	0.0	11.1	44.4	44.4	0.0	0.0	0.0	0.0
No	100.0	0.5	0.4	1.1	3.9	16.5	40.0	29.2	7.4	1.0	0.0
Unknown	100.0	0.6	0.6	2.4	5.4	15.7	39.2	25.3	4.2	1.2	5.4

**Table 16. Percent distribution of births by alcohol use of mother (average number of drinks per week per trimester) and birthweight of infant, residents: Utah, 1997**

Alcohol use by mother	Total	Birthweight in grams									
		Under 1000	1000- 1499	1500- 1999	2000- 2499	2500- 2999	3000- 3499	3500- 3999	4000- 4499	4500 and over	Not stated
Total	100.0	0.5	0.5	1.3	4.3	17.7	39.7	28.1	7.0	0.9	0.1
Yes	100.0	0.5	0.9	2.7	7.6	22.9	37.2	22.2	5.2	0.5	0.2
Number of drinks											
One	100.0	0.5	2.0	2.5	8.8	23.0	36.8	22.1	3.9	0.0	0.5
Two	100.0	0.0	0.0	3.3	8.2	23.0	36.1	23.0	6.6	0.0	0.0
Three to four	100.0	0.0	0.0	3.1	9.4	21.9	31.3	18.8	12.5	3.1	0.0
More than four	100.0	0.0	5.9	17.6	17.6	5.9	35.3	5.9	11.8	0.0	0.0
Unknown	100.0	0.8	0.0	1.7	5.4	24.2	38.8	23.8	4.6	0.8	0.0
No	100.0	0.5	0.5	1.2	4.3	17.6	39.7	28.2	7.0	0.9	0.0
Unknown	100.0	1.1	0.0	2.3	5.2	16.7	36.2	25.9	5.7	1.7	5.2



**Table 17. Leading causes of death and death rates: United States and Utah, 1997**

United States <sup>1</sup>				Utah				
Rank	Cause <sup>2</sup>	ICD Code	Number	Rate per 100,000 population		Cause <sup>2</sup>	Number	Rate per 100,000 population
				Rank	Number			
Total			2,314,729	864.9		Total	11,545	563.5
1.	Diseases of heart	390-398,402, 404-429	725,790	271.2	1.	Diseases of heart	2,995	146.2
2.	Malignant neoplasms including neoplasms of lymphatic and hematopoietic tissues	140-208	537,390	200.8	2.	Malignant neoplasms including neoplasms of lymphatic and hematopoietic tissues	2,130	104.0
3.	Cerebrovascular diseases	430-438	159,877	59.7	3.	Cerebrovascular diseases	872	42.6
4.	Chronic obstructive pulmonary diseases and allied conditions	490-496	110,637	41.3	4.	Accidents and adverse effects Motor vehicle accidents All other accidents	679 373 306	33.1 18.2 14.9
5.	Accidents and adverse effects Motor vehicle accidents All other accidents	E800-E949 E810-E825 E800-807, E826-949	92,191 42,420 49,772	34.4 15.8 18.6	5.	Pneumonia and influenza	532	26.0
6.	Pneumonia and influenza	480-487	88,383	33	6.	Chronic obstructive pulmonary diseases and allied conditions	440	21.5
7.	Diabetes mellitus	250	62,332	23.3	7.	Diabetes mellitus	431	21.0
8.	Suicide	E950-E959	29,725	11.1	8.	Suicide	297	14.5
9.	Nephritis, nephrotic syndrome and nephrosis	580-589	25,570	9.6	9.	Alzheimers disease	144	7.0
10.	Chronic liver diseases and cirrhosis	571	24,765	9.3	10.	Nephritis, nephrotic syndrome, and nephrosis	134	6.5
11.	Septicemia	038	22,604	8.4	11.	Congenital anomalies	121	5.9
12.	Alzheimer's disease*	331.0	22,527	8.4	12.	Chronic liver disease and cirrhosis	114	5.6
13.	Homicide and legal intervention	E960-E978	18,774	7.0	13.	Septicemia	82	4.0
14.	Human immunodeficiency virus infection**	042-044	16,685	6.2	14.	Atherosclerosis	66	3.2
15.	Atherosclerosis	440	15,844	5.9	15.	Homicide and legal intervention	63	3.1
All other causes			361,635	135.1	...	All other causes	2,445	119.3

<sup>1</sup>Source: National Center for Health Statistics; "Births and Deaths: Preliminary Data for 1997"; National Vital Statistics Report, Vol. 47, No. 4; Washington: Public Health Service; October 7, 1998.

<sup>2</sup>Cause-of-death ranking is based on the number of deaths classified according to the List of 72 Selected Causes of Death and the categories for HIV infection and for Alzheimer's disease.

\*Alzheimer's disease was added to the list of rankable causes with the final mortality data for 1994.

\*\*HIV infection was added to the list of rankable causes effective with the data year 1987. HIV dropped from being the 8th leading cause of death in 1996 to the 14th leading cause in 1997.

**Table 18. Deaths by selected causes, residents: Utah, 1980 and 1985-1997**

Cause of Death 9th Rev. International Classification of Diseases	ICD Code	Year													
		1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Total		8,806	9,044	8,886	9,055	9,174	9,216	9,083	9,576	9,713	10,393	10,410	10,854	10,974	11,545
Septicemia	038	31	61	43	79	79	55	67	90	91	104	94	95	86	82
All other infectious and parasitic diseases	001-003,005, 020-032,037, 039-041,046-054, 056-066,071-088, 098-139	36	53	44	35	28	38	53	38	24	28	32	34	35	37
Human immunodeficiency virus infection*	042-044	--	--	--	37	39	43	58	72	72	93	93	99	64	25
Malignant neoplasms	140-208	1,379	1,525	1,642	1,672	1,700	1,857	1,753	1,959	1,966	2,059	2,082	2,127	2,085	2,130
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	26	40	35	44	47	42	42	53	47	42	39	57	50	57
Diabetes mellitus	250	170	213	226	204	217	308	287	323	355	336	338	416	420	431
Alzheimer's disease**	331.0	--	--	--	--	--	--	--	--	--	--	124	134	118	144
Diseases of heart	390-398,402, 404-429	2,870	3,076	2,935	2,947	2,955	2,712	2,708	2,749	2,718	2,901	2,790	2,843	2,827	2,995
Cerebrovascular diseases	430-438	647	645	658	676	680	650	682	689	703	738	743	779	849	872
Atherosclerosis	440	102	81	69	72	77	84	77	72	70	103	91	74	74	66
Other diseases of arteries, arterioles and capillaries	441-448	75	78	74	81	82	96	100	100	108	96	116	100	123	109
Pneumonia and influenza	480-487	262	327	357	354	412	353	402	389	420	501	475	481	475	532
Chronic obstructive pulmonary diseases and allied conditions	490-496	243	348	352	382	382	392	364	428	415	411	441	468	458	440
Chronic liver disease and cirrhosis	571	101	95	92	74	78	98	105	83	103	108	87	103	87	114
Nephritis, nephrotic syndrome, and nephrosis	580-589	71	86	80	87	89	93	106	106	116	109	98	95	115	134
Congenital anomalies	740-759	143	105	103	114	121	122	132	96	92	111	121	116	135	121
Certain conditions originating in the perinatal period	760-779	195	155	127	95	81	88	71	61	76	60	79	78	92	88
Symptoms, signs, and ill-defined conditions	780-799	133	156	141	164	144	153	145	171	156	210	224	224	265	299
Motor vehicle accidents	E810-E825	347	340	324	302	302	313	277	259	261	324	353	330	313	373
All other accidents and adverse effects	E800-E807, E826-E949	295	249	232	251	262	234	224	204	213	243	227	239	274	306
Suicide	E950-E959	190	216	241	237	229	212	265	282	262	264	289	283	288	297
Homicide and legal intervention	E960-E978	57	48	58	65	53	54	52	61	53	66	64	75	69	63
All other causes		1,433	1,147	1,053	1,083	1,117	1,219	1,113	1,291	1,392	1,486	1,410	1,604	1,672	1,830

\*HIV infection was added to the list of rankable causes effective with the data year 1987.

\*\*Alzheimer's disease was added to the list of rankable causes with the final mortality data for 1994.

**Table 19. Death rates by selected causes, residents: Utah, 1980 and 1985-1997**

Cause of Death 9th Rev. International Classification of Diseases	ICD Code	Year													
		1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Total		597.4	550.5	534.3	539.6	542.8	540.2	525.3	539.5	533.1	557.0	543.3	554.0	548.0	563.5
Septicemia	038	2.1	3.7	2.6	4.7	4.7	3.2	3.9	5.1	5.0	5.6	4.9	4.8	4.3	4.0
All other infectious and parasitic diseases 001-003,005, 020-032,037, 039-041,046-054, 056-066,071-088, 098-139		2.4	3.2	2.6	2.1	1.7	2.2	3.1	2.1	1.3	1.5	1.7	1.7	1.7	1.8
Human immunodeficiency virus infection*	042-044	--	--	--	2.2	2.3	2.5	3.4	4.1	4.0	5.0	4.9	5.1	3.2	1.2
Malignant neoplasms	140-208	93.6	92.8	98.7	99.6	100.6	108.9	101.4	110.4	107.9	110.3	108.7	108.6	104.1	104.0
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	1.8	2.4	2.1	2.6	2.8	2.5	2.4	3.0	2.6	2.3	2.0	2.9	2.5	2.8
Diabetes mellitus	250	11.5	13.0	13.6	12.2	12.8	18.1	16.6	18.2	19.5	18.0	17.6	21.2	21.0	21.0
Alzheimer's disease**	331.0	--	--	--	--	--	--	--	--	--	--	6.5	6.8	5.9	7.0
Diseases of heart	390-398,402, 404-429	194.7	187.2	176.5	175.6	174.9	159.0	156.6	154.9	149.2	155.5	145.6	145.1	141.2	146.2
Cerebrovascular diseases	430-438	43.9	39.3	39.6	40.3	40.2	38.1	39.4	38.8	38.6	39.5	38.8	39.8	42.4	42.6
Atherosclerosis	440	6.9	4.9	4.1	4.3	4.6	4.9	4.5	4.1	3.8	5.5	4.7	3.8	3.7	3.2
Other diseases of arteries, arterioles and capillaries	441-448	5.1	4.7	4.4	4.8	4.9	5.6	5.8	5.6	5.9	5.1	6.1	5.1	6.1	5.3
Pneumonia and influenza	480-487	17.8	19.9	21.5	21.1	24.4	20.7	23.3	21.9	23.1	26.8	24.8	24.5	23.7	26.0
Chronic obstructive pulmonary diseases and allied conditions	490-496	16.5	--	21.2	22.8	22.6	23.0	21.1	24.1	22.8	22.0	23.0	23.9	22.9	21.5
Chronic liver disease and cirrhosis	571	6.9	5.8	5.5	4.4	4.6	5.7	6.1	4.7	5.7	5.8	4.5	5.3	4.3	5.6
Nephritis, nephrotic syndrome, and nephrosis	580-589	4.8	5.2	4.8	5.2	5.3	5.5	6.1	6.0	6.4	5.8	5.1	4.8	5.7	6.5
Congenital anomalies	740-759	9.7	6.4	6.2	6.8	7.2	7.2	7.6	5.4	5.0	5.9	6.3	5.9	6.7	5.9
Certain conditions originating in the perinatal period	760-779	13.2	9.4	7.6	5.7	4.8	5.2	4.1	3.4	4.2	3.2	4.1	4.0	4.6	4.3
Symptoms, signs, and ill-defined conditions	780-799	9.0	9.5	8.5	9.8	8.5	9.0	8.4	9.6	8.6	11.3	11.7	11.4	13.2	14.6
Motor vehicle accidents	E810-E825	23.5	20.7	19.5	18.0	17.9	18.3	16.0	14.6	14.3	17.4	18.4	16.8	15.6	18.2
All other accidents and adverse effects	E800-E807, E826-E949	20.0	15.2	14.0	15.0	15.5	13.7	13.0	11.5	11.7	13.0	11.8	12.2	13.7	14.9
Suicide	E950-E959	12.9	13.1	14.5	14.1	13.6	12.4	15.3	15.9	14.4	14.1	15.1	14.4	14.4	14.5
Homicide and legal intervention	E960-E978	3.9	2.9	3.5	3.9	3.1	3.2	3.0	3.4	2.9	3.5	3.3	3.8	3.4	3.1
All other causes		97.2	69.8	63.3	64.5	66.1	71.5	64.4	72.7	76.4	79.6	73.6	81.9	83.5	89.3

\*HIV infection was added to the list of rankable causes effective with the data year 1987. HIV dropped from being the 8th leading cause of death in 1996 to the 14th leading cause in 1997.

\*\*Alzheimer's disease was added to the list of rankable causes with the final mortality data for 1994.

**Table 20. Expected years of life and working years of life lost by selected underlying cause of death, residents: Utah, 1997**

Cause of Death International Classification of Disease (Ninth Revision)	Expected years of life lost <sup>1</sup>						Working years of life lost <sup>2</sup>						
	Total		Male <sup>3</sup>		Female		Total		Male <sup>3</sup>		Female		
	Years	Percent	Years	Percent	Years	Percent	Years	Percent	Years	Percent	Years	Percent	
Total	197,528	100.0	109,973	100.0	87,555	100.0	72,102	100.0	45,678	100.0	26,424	100.0	
Heart disease and stroke	390-398,402, 404-429, 430-438	43,636	22.1	23,430	21.3	20,206	23.1	7,396	10.3	4,962	10.9	2,434	9.2
Malignant neoplasms	140-208	33,351	16.9	16,778	15.3	16,573	18.9	8,226	11.4	4,159	9.1	4,067	15.4
Motor vehicle accidents	E810-E825	17,368	8.8	10,293	9.4	7,075	8.1	11,785	16.3	7,219	15.8	4,566	17.3
Non-motor vehicle accidents	E800-E807, E826-E949	8,498	4.3	6,106	5.6	2,392	2.7	4,687	6.5	3,601	7.9	1,086	4.1
Pneumonia and influenza	480-487	5,732	2.9	2,851	2.6	2,881	3.3	1,299	1.8	826	1.8	473	1.8
Conditions originating in the perinatal period and SIDS	760-779,798.0	8,734	4.4	5,350	4.9	3,384	3.9	5,739	8.0	3,589	7.9	2,150	8.1
Suicide	E950-E959	12,214	6.2	9,604	8.7	2,610	3.0	8,019	11.1	6,469	14.2	1,550	5.9
Diabetes mellitus	250	5,928	3.0	2,588	2.4	3,340	3.8	1,280	1.8	632	1.4	648	2.5
Congenital anomalies	740-759	7,874	4.0	4,243	3.9	3,631	4.1	5,089	7.1	2,850	6.2	2,239	8.5
Chronic liver disease and cirrhosis	571	2,674	1.4	1,742	1.6	932	1.1	1,124	1.6	712	1.6	412	1.6
Chronic obstructive pulmonar disease	490-496	5,001	2.5	2,727	2.5	2,274	2.6	430	0.6	212	0.5	218	0.8
All other causes		46,518	23.6	24,261	22.1	22,257	25.4	17,028	23.6	10,447	22.9	6,581	24.9

<sup>1</sup>Years of life lost is computed from the decennial life table 1979-1981 for Utah.

<sup>2</sup>Working years are defined as ages 15 to 65. Working years of life lost are calculated by computing the numbers of years between age at time of death and age 65 with no accounting for years before age 15. For example, if a person dies at age 5, working years of life lost would be 50 years.

<sup>3</sup>Sex not stated is included in male. Ages not stated are not included.

Note: Ages not stated are not included.

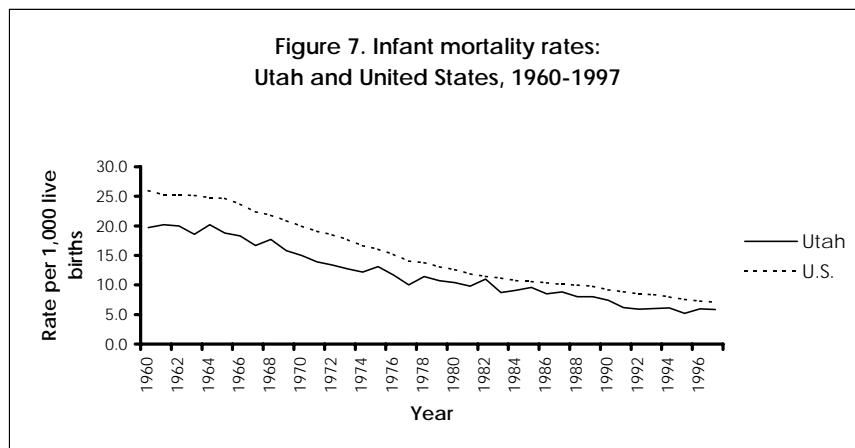


Table 21: Infant mortality rates by age at death, residents: Utah, 1960-1997

Year	Infant mortality rate <sup>1</sup>	Infant mortality rate <sup>1</sup> at age of death			
		Total	Under 1 day	1-6 days	1-4 weeks
1960	19.7	6.8	6.7	1.0	5.2
1961	20.2	7.7	6.2	1.1	5.2
1962	20.0	6.6	6.3	1.3	5.8
1963	18.6	6.8	4.9	1.2	5.7
1964	20.2	7.8	5.7	1.2	5.5
1965	18.8	7.4	5.2	0.9	5.3
1966	18.3	8.2	5.8	1.0	3.3
1967	16.7	6.8	4.5	1.2	4.2
1968	17.7	7.3	5.0	1.0	4.4
1969	15.8	6.0	4.3	1.2	4.3
1970	15.0	5.6	4.5	1.0	3.9
1971	13.9	5.2	4.2	1.3	3.2
1972	13.4	4.6	3.8	1.4	3.5
1973	12.7	4.2	3.5	1.3	3.7
1974	12.2	4.4	3.0	1.6	3.2
1975	13.1	3.7	4.3	1.4	3.9
1976	11.7	4.0	2.7	1.2	3.8
1977	10.0	3.4	2.3	1.0	3.3
1978	11.4	4.0	2.6	1.2	3.6
1979	10.7	3.1	2.4	1.3	4.0
1980	10.4	3.1	2.2	1.3	3.8
1981	9.8	3.2	1.5	1.1	3.9
1982	11.0	4.0	1.8	0.9	4.2
1983	8.7	3.2	1.2	0.9	3.4
1984	9.1	3.3	1.1	1.1	3.6
1985	9.6	2.9	1.2	1.3	4.2
1986	8.5	2.5	1.4	1.2	3.5
1987	8.8	2.4	1.0	0.8	4.6
1988	8.0	2.0	0.7	1.0	4.2
1989	8.0	2.5	0.9	1.1	3.6
1990	7.4	1.8	0.9	1.1	3.6
1991	6.2	1.9	0.6	0.6	3.1
1992	5.9	2.0	0.8	0.8	2.4
1993	6.0	1.7	0.7	0.6	3.0
1994	6.1	2.0	0.8	0.5	2.8
1995	5.2	1.5	0.9	0.7	2.1
1996	5.9	1.0	0.8	1.0	2.0
1997	5.8	2.4	0.4	0.7	2.2

<sup>1</sup>Rate per 1,000 births.

**Table 22. Deaths by local health district and county of residence: Utah, 1980 and 1986-1997**

District and county	Year												
	1980	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Total	8,103	8,886	9,055	9,185	9,223	9,125	9,576	9,713	10,393	10,410	10,854	10,974	11,545
Bear River	498	548	576	559	551	561	581	579	628	665	627	596	683
Box Elder	191	229	225	230	227	208	213	221	253	270	250	236	272
Cache	293	304	343	317	316	340	361	346	361	383	371	351	394
Rich	14	15	8	12	8	13	7	12	14	12	6	9	17
Central Utah	398	416	427	401	424	424	435	406	470	468	473	489	495
Juab	49	35	61	39	59	43	58	56	55	77	51	51	59
Millard	75	92	80	76	70	89	80	59	98	89	91	102	99
Piute	19	19	15	14	18	12	17	11	12	22	12	14	17
Sanpete	123	141	136	132	126	125	147	137	151	130	143	153	158
Sevier	113	114	118	122	129	137	111	126	140	133	145	149	141
Wayne	19	15	17	18	22	18	22	17	14	17	31	20	21
Davis	531	657	668	657	697	667	730	755	782	817	828	858	912
Salt Lake	3,594	3,792	3,930	3,980	3,979	3,847	4,089	4,077	4,395	4,417	4,583	4,736	4,802
Southeastern	374	344	328	323	346	347	338	385	348	351	392	324	404
Carbon	193	166	137	158	178	158	151	189	174	158	203	164	205
Emery	68	66	69	59	70	65	59	62	39	67	72	54	80
Grand	56	47	55	47	36	54	59	76	56	56	53	53	62
San Juan	57	65	67	59	62	70	69	58	79	70	64	53	57
Southwest	384	510	492	566	557	605	668	656	744	751	776	824	877
Beaver	40	43	46	39	52	47	48	53	56	55	48	45	63
Garfield	38	27	39	36	28	32	53	35	32	22	31	32	32
Iron	101	111	91	130	98	107	120	114	141	133	149	144	168
Kane	32	32	40	31	26	42	40	49	31	44	43	58	42
Washington	173	297	276	330	353	377	407	405	484	497	505	545	572
Summit	48	54	65	51	44	58	61	78	79	58	71	82	59
Tooele	146	146	152	151	183	147	140	165	166	175	184	164	199
Uintah Basin	204	216	213	224	178	193	207	220	207	229	245	251	270
Daggett	2	3	1	6	2	4	7	3	2	7	3	3	6
Duchesne	85	72	86	89	64	65	79	89	78	80	95	101	100
Uintah	117	141	126	129	112	124	121	128	127	142	147	147	164
Utah County	961	1,084	1,066	1,074	1,084	1,104	1,165	1,162	1,242	1,277	1,367	1,369	1,422
Wasatch	64	74	65	70	69	63	59	72	64	63	87	77	80
Weber-Morgan	901	1,045	1,073	1,129	1,111	1,109	1,103	1,158	1,268	1,139	1,221	1,204	1,342
Morgan	27	17	30	34	34	34	36	25	39	26	32	31	34
Weber	874	1,028	1,043	1,095	1,077	1,075	1,067	1,133	1,229	1,113	1,189	1,173	1,308

**Table 23. Deaths and percent of deaths by selected causes, Spanish and Non-spanish origin, residents: Utah, 1997**

Cause of Death (9thRev)	ICD Codes	Spanish origin		Non-Spanish origin	
		Number	Percent	Number	Percent
Total		385	100.0	11,160	100.0
Meningococcal infection	036	1	0.3	1	0.0
Septicemia	038	5	1.3	77	0.7
All other infectious and parasitic diseases	001-003,005,020-032, 037,039-041,*042-*044, 046-054,056-066, 071-088,098-139	5	1.3	57	0.5
Malignant neoplasms	140-208	52	13.5	2,078	18.6
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	1	0.3	56	0.5
Diabetes mellitus	250	15	3.9	416	3.7
Anemias	280-285	1	0.3	25	0.2
Meningitis	320-322	1	0.3	1	0.0
Diseases of heart	390-398,402, 404-429	67	17.4	2,928	26.2
Cerebrovascular diseases	430-438	31	8.1	841	7.5
Atherosclerosis	440	3	0.8	63	0.6
Other diseases of arteries, arterioles and capillaries	441-448	2	0.5	107	1.0
Pneumonia and influenza	480-487	13	3.4	519	4.7
Chronic obstructive pulmonary diseases and allied conditions	490-496	8	2.1	432	3.9
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560	1	0.3	49	0.4
Chronic liver disease and cirrhosis	571	14	3.6	100	0.9
Cholelithiasis and other disorders of gallbladder	574-575	1	0.3	18	0.2
Nephritis, nephrotic syndrome, and nephrosis	580-589	7	1.8	127	1.1
Congenital anomalies	740-759	12	3.1	109	1.0
Certain conditions originating in the perinatal period	760-779	10	2.6	78	0.7
Symptoms, signs, and ill-defined conditions	780-799	10	2.6	288	2.6
Motor vehicle accidents	E810-E825	29	7.5	344	3.1
All other accidents and adverse effects	E800-E807, E826-E949	9	2.3	297	2.7
Suicide	E950-E959	18	4.7	279	2.5
Homicide and legal intervention	E960-E978	16	4.2	47	0.4
All other external causes	E980-E999	14	3.6	110	1.0
All other diseases	Residual	39	10.1	1,713	15.3

**Table 24. Deaths and percent of deaths by age, Spanish and Non-spanish origin, residents: Utah, 1997**

Age at death	Spanish		Non Spanish	
	Number	Percent	Number	Percent
Total all ages	385	100.0	11,160	100.0
Under 1	28	7.3	221	2.0
1-4	6	1.6	52	0.5
5-14	5	1.3	76	0.7
15-24	38	9.9	289	2.6
25-34	34	8.8	273	2.4
35-44	30	7.8	447	4.0
45-54	31	8.1	632	5.7
55-64	44	11.4	905	8.1
65-74	61	15.8	1,997	17.9
75 and over	107	27.8	6,268	56.2
Unknown	1	0.3	0	0.0

**Table 25. Deaths and death rates from injuries by type of violence, residents: Utah, 1996-1997 and United States, 1996-1997**

Type of violence	Utah				U.S. <sup>1</sup>		
	Number	1997	1996	Rate <sup>2</sup>	1997	1996	1996
Total		1,163	1,063	56.8	53.1	53.7	56.6
Accidents		679	587	33.2	29.3	34.4	35.8
Motor vehicle	E810-E825	373	313	18.3	15.6	15.8	16.5
Non-motor vehicle	E800-E807, E826-E949	306	274	14.9	13.7	18.6	19.3
Suicide	E950-E959	297	288	14.5	14.4	11.1	11.6
Homicide and legal intervention	E960-E978	63	69	3.1	3.4	7.0	7.9
All other external causes	E980-999	124	119	6.1	5.9	1.2	1.3

<sup>1</sup>U.S. Source: National Center for Health Statistics; "Births and Deaths: Preliminary Data for 1997"; National Vital Statistics Report, Vol. 47, No. 4, p. 25 of 42 (PHS)99-1120, 244KB; Hyattsville, MD; October 7, 1998.

<sup>2</sup>Rate per 100,000 population.

Table 26. Deaths due to suicide by age, gender and year, residents: Utah, 1980-1997

Year and gender	Total	Age									75 and over
		Under 15	15-19	20-24	25-34	35-44	45-54	55-64	65-74		
1980 Total	190	0	11	29	45	31	29	19	14	12	
Male	137	0	5	20	39	22	19	12	10	10	
Female	53	0	6	9	6	9	10	7	4	2	
1981 Total	196	3	17	26	41	34	29	26	16	4	
Male	160	3	14	22	35	26	21	20	15	4	
Female	36	0	3	4	6	8	8	6	1	0	
1982 Total	203	1	15	28	59	27	22	28	14	9	
Male	167	1	11	24	53	21	13	25	11	8	
Female	36	0	4	4	6	6	9	3	3	1	
1983 Total <sup>1</sup>	212	2	15	25	60	38	27	20	11	13	
Male	171	2	12	21	49	30	18	19	6	13	
Female	41	0	3	4	11	8	9	1	5	0	
1984 Total	225	1	17	32	61	36	29	22	17	10	
Male	180	1	14	23	50	25	22	19	16	10	
Female	45	0	3	9	11	11	7	3	1	0	
1985 Total	216	3	25	19	66	29	28	17	13	16	
Male	167	2	20	15	50	18	22	15	11	14	
Female	49	1	5	4	16	11	6	2	2	2	
1986 Total	241	2	24	29	54	45	31	25	18	13	
Male	192	1	22	27	36	35	26	18	14	13	
Female	49	1	2	2	18	10	5	7	4	0	
1987 Total	237	7	23	28	46	51	26	22	19	15	
Male	190	7	18	21	40	41	20	17	13	13	
Female	47	0	5	7	6	10	6	5	6	2	
1988 Total <sup>1</sup>	229	6	27	21	51	38	32	23	16	14	
Male	173	4	21	19	42	26	18	19	11	12	
Female	56	2	6	2	9	12	14	4	5	2	
1989 Total	212	5	18	20	33	35	27	28	25	21	
Male	167	5	16	16	23	30	18	22	21	16	
Female	45	0	2	4	10	5	9	6	4	5	
1990 Total	265	6	31	39	50	52	30	23	10	24	
Male	224	4	29	33	45	32	28	21	9	23	
Female	41	2	2	6	5	20	2	2	1	1	
1991 Total	282	4	24	40	55	68	28	22	22	19	
Male	229	2	22	35	46	52	18	17	18	19	
Female	53	2	2	5	9	16	10	5	4	0	
1992 Total	262	9	34	30	59	46	34	17	16	17	
Male	223	8	31	28	50	36	25	14	14	17	
Female	39	1	3	2	9	10	9	3	2	0	
1993 Total	264	2	35	28	58	63	28	25	15	10	
Male	220	2	31	25	46	52	24	21	12	7	
Female	44	0	4	3	12	11	4	4	3	3	
1994 Total	289	7	34	34	64	59	32	18	23	18	
Male	236	6	32	31	53	51	23	10	15	15	
Female	53	1	2	3	11	8	9	8	8	3	
1995 Total	283	9	35	37	56	67	40	17	9	13	
Male	228	8	32	32	45	51	30	14	6	10	
Female	55	1	3	5	11	16	10	3	3	3	
1996 Total	288	4	36	30	66	63	36	14	20	19	
Male	238	3	28	26	61	51	24	9	18	18	
Female	50	1	8	4	5	12	12	5	2	1	
1997 Total	297	7	42	28	68	52	41	17	23	19	
Male	234	6	35	27	55	34	29	13	18	17	
Female	63	1	7	1	13	18	12	4	5	2	

<sup>1</sup>Age is unknown for one male in 1983 and one male in 1988. These are included in the totals, but are not distributed.



Figures 1 through 7 Data Bank. See Table 2. Population number per million, Birth, death, natural increase, infant mortality, marriage, divorce and annulment rates and spontaneous fetal death ratios, residents: Utah and United States, 1950-1997

1940-1996

Birthweight

<1000 1000-1499 1500-1999 2000-2499 2500-2999 3000-3499 3500-3999 4000-4499 4500+

Year	Estimated midyear population <sup>1</sup>	Population per million	Birth <sup>1</sup>		Death <sup>1</sup>		Natural increase		Infant mortality <sup>2</sup>		Fetal death <sup>2</sup>		Marriage <sup>3</sup>		Divorce and annulment <sup>3</sup>		Year	Estimated midyear population <sup>1</sup>		Births		Deaths		Maternal deaths		Infant deaths		Fetal deaths		Marriages		Divorces and annulments		
			U.S. <sup>4</sup>	Utah <sup>4</sup>	U.S. <sup>4</sup>	Utah <sup>4</sup>	U.S. <sup>4</sup>	Utah <sup>4</sup>	U.S. <sup>4</sup>	Utah <sup>4</sup>	U.S. <sup>4</sup>	Utah <sup>4</sup>	U.S. <sup>4</sup>	Utah <sup>4</sup>	U.S. <sup>4</sup>	U.S. <sup>4</sup>	U.S. <sup>4</sup>	U.S. <sup>4</sup>	Utah <sup>4</sup>	U.S. <sup>4</sup>	Utah <sup>4</sup>	U.S. <sup>4</sup>	Utah <sup>4</sup>	U.S. <sup>4</sup>	U.S. <sup>4</sup>	U.S. <sup>4</sup>	U.S. <sup>4</sup>							
1950	149,000	0.7	30.4	24.1	7.1	9.6	23.3	14.5	23.9	2.9	12.1	19.2	10.2	11.1	3.0	2.6	1950	552,000	13,347	4,845	36	539	8,264	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	
1951	160,000	0.7	31.7	24.9	7.2	9.6	25.6	15.5	24.9	2.8	12.2	18.3	9.3	9.9	3.2	2.5	1951	531,000	13,227	4,797	26	402	7,263	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	
1952	172,000	0.7	32.8	25.1	7.2	9.6	25.6	15.5	24.9	2.8	12.3	18.3	9.3	9.9	3.2	2.5	1952	515,000	15,520	4,622	27	523	8,081	1,433	1,433	1,433	1,433	1,433	1,433	1,433	1,433	1,433	1,433	
1953	173,000	0.7	31.9	25.1	6.9	9.6	25.0	15.5	24.0	2.7	12.8	17.8	9.4	9.8	3.3	2.5	1953	513,000	16,940	4,713	27	539	7,675	1,982	1,982	1,982	1,982	1,982	1,982	1,982	1,982	1,982	1,982	
1954	175,000	0.8	32.4	25.3	6.7	9.2	25.8	16.1	20.8	2.6	13.4	17.5	8.4	9.2	2.9	2.4	1954	508,000	16,643	4,727	22	548	7,626	2,095	2,095	2,095	2,095	2,095	2,095	2,095	2,095	2,095	2,095	
1955	180,000	0.8	31.4	25.0	6.5	9.2	25.6	16.0	20.4	2.5	13.4	17.4	8.3	9.1	2.8	2.3	1955	501,000	15,654	4,699	24	468	7,034	2,051	2,051	2,051	2,051	2,051	2,051	2,051	2,051	2,051	2,051	
1956	180,000	0.8	30.9	25.2	6.5	9.4	24.4	15.8	22.9	2.6	12.8	16.5	8.2	9.5	2.7	2.3	1956	518,000	18,220	4,785	25	496	7,971	3,434	3,434	3,434	3,434	3,434	3,434	3,434	3,434	3,434	3,434	
1957	182,000	0.8	31.6	25.3	6.9	9.4	24.7	15.7	21.5	2.6	12.2	16.3	8.1	8.9	2.9	2.2	1957	517,000	21,724	4,996	17	545	7,965	2,977	2,977	2,977	2,977	2,977	2,977	2,977	2,977	2,977	2,977	
1958	183,000	0.8	31.0	25.0	6.7	9.4	24.2	15.0	20.9	2.6	12.0	16.2	7.7	8.5	2.5	2.2	1958	513,000	20,071	4,830	12	580	7,237	2,199	2,199	2,199	2,199	2,199	2,199	2,199	2,199	2,199	2,199	
1959	183,000	0.9	29.5	24.0	6.8	9.4	22.7	14.6	20.0	2.6	12.5	16.2	7.7	8.5	2.5	2.2	1959	511,000	21,164	4,929	5	527	6,402	2,166	2,166	2,166	2,166	2,166	2,166	2,166	2,166	2,166	2,166	
1960	190,000	0.9	29.2	23.7	6.7	9.5	22.5	14.2	19.7	2.6	12.5	16.1	7.9	8.5	2.4	2.2	1960	506,000	22,192	4,974	7	506	256	2,107	2,107	2,107	2,107	2,107	2,107	2,107	2,107	2,107	2,107	
1961	193,000	0.9	28.4	23.3	6.5	9.3	21.9	14.0	20.2	2.5	12.3	15.9	7.9	8.5	2.5	2.3	1961	506,000	22,769	4,895	10	565	276	2,271	2,271	2,271	2,271	2,271	2,271	2,271	2,271	2,271	2,271	
1962	195,000	1.0	29.4	24.4	6.5	9.3	21.0	13.9	20.0	2.5	12.3	15.8	7.9	8.5	2.4	2.2	1962	502,000	23,273	5,131	11	590	2,752	2,333	2,333	2,333	2,333	2,333	2,333	2,333	2,333	2,333	2,333	
1963	197,000	1.0	26.4	21.7	6.7	9.6	18.9	12.1	18.6	2.5	11.5	15.8	8.4	8.8	2.7	2.3	1963	503,000	23,583	5,084	5	565	301	6,926	2,433	2,433	2,433	2,433	2,433	2,433	2,433	2,433	2,433	2,433
1964	198,000	1.0	24.4	21.7	6.5	9.4	17.8	11.7	20.2	2.4	11.8	16.4	8.7	9.0	3.0	2.4	1964	500,000	24,345	4,902	6	506	2,695	2,140	2,140	2,140	2,140	2,140	2,140	2,140	2,140	2,140		
1965	199,000	1.0	23.4	20.4	6.4	9.3	17.6	11.6	19.8	2.4	11.7	16.3	8.7	9.1	3.0	2.4	1965	498,000	24,645	5,000	7	567	2,530	6,294	2,059	2,059	2,059	2,059	2,059	2,059	2,059	2,059	2,059	2,059
1966	199,000	1.0	22.4	18.4	6.8	9.5	15.6	8.9	18.3	2.3	9.8	15.7	9.5	9.5	3.1	2.5	1966	489,000	24,971	5,224	8	571	320	6,657	2,189	2,189	2,189	2,189	2,189	2,189	2,189	2,189	2,189	2,189
1967	1,019,000	1.0	22.5	17.8	6.4	9.4	16.1	8.4	16.7	2.4	10.0	9.7	9.0	9.5	3.0	2.6	1967	826,000	26,060	5,696	8	561	317	12,672	1,565	1,565	1,565	1,565	1,565	1,565	1,565	1,565	1,565	1,565
1968	1,020,000	1.0	22.7	17.8	6.4	9.4	16.1	8.4	16.7	2.4	10.1	9.8	9.1	9.5	3.1	2.6	1968	826,000	26,358	5,648	10	544	325	8,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
1969	1,047,000	1.0	23.1	17.9	6.5	9.5	16.7	8.4	15.8	20.9	9.8	14.1	11.1	10.6	3.7	3.2	1969	870,000	25,845	5,879	10	514	321	6,734	2,179	2,179	2,179	2,179	2,179	2,179	2,179	2,179	2,179	2,179
1970	1,064,000	1.1	25.3	18.4	6.5	9.5	18.7	8.9	15.0	20.0	11.0	14.2	11.2	10.8	3.7	3.5	1970	900,000	26,272	5,997	5	517	276	7,119	2,167	2,167	2,167	2,167	2,167	2,167	2,167	2,167	2,167	2,167
1971	1,101,000	1.1	25.0	17.2	6.6	9.3	18.4	7.9	15.9	19.1	9.4	13.4	10.6	10.6	4.0	3.7	1971	936,000	26,590	6,081	7	538	263	7,401	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360
1972	1,122,000	1.1	23.1	14.8	6.5	9.3	17.4	5.5	12.5	17.7	7.8	12.2	12.7	10.8	4.4	4.3	1972	934,000	26,852	5,790	9	525	259	7,557	2,450	2,450	2,450	2,450	2,450	2,450	2,450	2,450	2,450	2,450
1973	1,170,000	1.2	23.9	14.3	6.5	9.3	17.4	5.5	12.7	17.7	7.8	12.2	12.7	10.8	4.4	4.3	1973	934,000	26,952	5,644	4	464	288	8,194	2,459	2,459	2,459	2,459	2,459	2,459	2,459	2,459	2,459	2,459
1974	1,200,000	1.2	25.0	14.2	6.2	9.1	18.8	5.7	12.2	16.7	9.6	11.5	12.6	10.5	4.7	4.6	1974	935,000	23,844	6,404	3	482	237	8,525	2,495	2,495	2,495	2,495	2,495	2,495	2,495	2,495	2,495	2,495
1975	1,230,000	1.2	24.8	14.2	6.2	9.1	18.8	5.7	12.2	16.7	9.6	11.5	12.6	10.5	4.7	4.6	1975	935,000	23,209	6,191	7	419	224	8,730	2,531	2,531	2,531	2,531	2,531	2,531	2,531	2,531	2,531	2,531
1976	1,275,000	1.3	27.7	14.8	5.9	8.8	21.8	5.8	11.7	15.2	7.8	10.5	11.5	9.9	4.8	5.0	1976	1,009,000	22,601	6,850	5	414	222	9,623	3,090	3,090	3,090	3,090	3,090	3,090	3,090	3,090	3,090	3,090
1977	1,320,000	1.3	28.4	15.1	5.8	8.6	23.0	6.5	10.0	14.1	8.4	11.4	9.9	8.4	5.0	5.0	1977	1,019,000	22,948	6,516	3	383	241	10,220	3,288	3,288	3,288	3,288	3,288	3,288	3,288	3,288	3,288	3,288
1978	1,340,000	1.4	28.9	15.6	5.5	8.5	22.9	7.1	10.7	13.1	7.7	9.4	11.8	10.4	5.3	5.3	1978	1,020,000	23,000	6,800	4	401	240	11,588	3,390	3,390	3,390	3,390	3,390	3,390	3,390	3,390	3,390	3,390
1979	1,370,000	1.4																																



*1997 Reference Tables:*  
**Births and Deaths**



**Table A1. Births by health district, county of occurrence, gender, attendant and hospital delivery: Utah, 1997**

District and county	Gender			Attended by			
	Total	Male	Female	Physician	Midwife	Certified nurse midwife	Hospital delivery
Total	43,871	22,529	21,342	39,548	509	2,719	42,785
Bear River	2,795	1,442	1,353	2,717	25	49	2,766
Box Elder	580	319	261	572	7	0	572
Cache	2,215	1,123	1,092	2,145	18	49	2,194
Rich	0	0	0	0	0	0	0
Central Utah	854	417	437	721	27	0	817
Juab	103	57	46	95	7	0	94
Millard	162	84	78	156	6	0	156
Piute	0	0	0	0	0	0	0
Sanpete	331	158	173	317	13	0	316
Sevier	258	118	140	153	1	0	251
Wayne	0	0	0	0	0	0	0
Davis	2,633	1,339	1,294	2,041	24	413	2,602
Salt Lake	19,570	10,110	9,460	17,891	172	1,225	19,199
Southeastern	665	322	343	564	9	44	549
Carbon	410	191	219	408	2	0	408
Emery	4	1	3	0	3	0	0
Grand	97	56	41	3	4	44	92
San Juan	154	74	80	153	0	0	49
Southwest	2,890	1,527	1,363	2,517	107	227	2,550
Beaver	106	55	51	105	1	0	105
Garfield	56	32	24	35	1	0	54
Iron	611	320	291	568	24	11	580
Kane	41	22	19	35	3	0	36
Washington	2,076	1,098	978	1,774	78	216	1,775
Summit	3	1	2	0	3	0	0
Tooele	94	48	46	37	3	34	91
Uintah Basin	644	330	314	544	1	99	643
Daggett	0	0	0	0	0	0	0
Duchesne	367	173	194	268	0	99	367
Uintah	277	157	120	276	1	0	276
Utah County	8,892	4,528	4,364	7,814	119	519	8,757
Wasatch	142	67	75	138	4	0	138
Weber-Morgan	4,689	2,398	2,291	4,564	15	109	4,673
Morgan	0	0	0	0	0	0	0
Weber	4,689	2,398	2,291	4,564	15	109	4,673

**Table A2. Births by health district, county of residence of mother, gender, number born and birth order: Utah, 1997**

District and county	Gender		Single and multiple		Birth order							Sixth and higher	Not stated
	Total	Male	Female	Single	Multiple	First	Second	Third	Fourth	Fifth			
Total	43,009	22,067	20,942	42,009	1,000	16,125	12,359	7,240	3,850	1,796	1,638	1	
Bear River	2,804	1,427	1,377	2,761	43	1,018	787	505	258	132	104	0	
Box Elder	721	396	325	709	12	216	191	164	69	43	38	0	
Cache	2,054	1,016	1,038	2,023	31	796	581	336	187	88	66	0	
Rich	29	15	14	29	0	6	15	5	2	1	0	0	
Central Utah	1,153	570	583	1,127	26	357	288	223	138	72	75	0	
Juab	168	80	88	162	6	55	50	33	15	7	8	0	
Millard	209	107	102	207	2	47	41	48	34	18	21	0	
Plute	20	8	12	18	2	6	2	7	3	1	1	0	
Sanpete	410	206	204	400	10	130	102	67	45	34	32	0	
Sevier	306	149	157	302	4	103	83	61	36	12	11	0	
Wayne	40	20	20	38	2	16	10	7	5	0	2	0	
Davis	4,515	2,285	2,230	4,394	121	1,567	1,300	788	477	201	182	0	
Salt Lake	16,711	8,656	8,055	16,320	391	6,450	5,098	2,758	1,335	573	496	1	
Southeastern	900	440	460	890	10	315	270	145	88	35	47	0	
Carbon	325	160	165	319	6	134	99	54	23	6	9	0	
Emery	195	91	104	193	2	65	58	27	23	8	14	0	
Grand	128	67	61	128	0	53	42	20	7	3	3	0	
San Juan	252	122	130	250	2	63	71	44	35	18	21	0	
Southwest	2,586	1,361	1,225	2,535	51	888	704	447	254	126	167	0	
Beaver	114	60	54	114	0	42	33	14	14	2	9	0	
Garfield	73	43	30	73	0	26	21	14	3	3	6	0	
Iron	679	360	319	658	21	244	201	111	55	27	41	0	
Kane	101	54	47	101	0	39	23	18	14	5	2	0	
Washington	1,619	844	775	1,589	30	537	426	290	168	89	109	0	
Summit	402	213	189	389	13	159	132	47	37	13	14	0	
Tooele	671	358	313	656	15	268	193	121	52	22	15	0	
Uintah Basin	664	342	322	652	12	227	183	119	69	30	36	0	
Daggett	4	2	2	4	0	2	0	1	0	0	1	0	
Duchesne	248	113	135	246	2	86	63	41	29	16	13	0	
Uintah	412	227	185	402	10	139	120	77	40	14	22	0	
Utah County	8,709	4,433	4,276	8,470	239	3,402	2,226	1,410	817	453	401	0	
Wasatch	241	114	127	237	4	84	61	47	30	13	6	0	
Weber-Morgan	3,653	1,868	1,785	3,578	75	1,390	1,117	630	295	126	95	0	
Morgan	95	51	44	95	0	32	25	15	9	7	7	0	
Weber	3,558	1,817	1,741	3,483	75	1,358	1,092	615	286	119	88	0	

**Table A3. Births by health district, county of residence of mother and month of occurrence: Utah, 1997**

District and County	Total	Month of occurrence											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total	43,009	3,387	3,259	3,570	3,551	3,802	3,702	3,879	3,625	3,554	3,660	3,338	3,682
Bear River	2,804	230	218	229	233	256	285	230	234	225	211	220	233
Box Elder	721	51	58	62	59	68	67	69	60	62	41	61	63
Cache	2,054	179	159	165	169	184	216	158	172	160	168	155	169
Rich	29	0	1	2	5	4	2	3	2	3	2	4	1
Central Utah	1,153	98	105	103	86	78	96	97	110	96	90	94	100
Juab	168	8	20	17	10	9	12	12	21	17	11	13	18
Millard	209	17	24	24	17	9	23	16	13	19	12	15	20
Piute	20	1	1	1	3	2	5	4	1	0	0	1	1
Sanpete	410	36	29	31	25	32	33	36	38	32	37	40	41
Sevier	306	34	28	25	30	25	19	22	34	26	26	21	16
Wayne	40	2	3	5	1	1	4	7	3	2	4	4	4
Davis	4,515	337	353	366	395	386	422	401	382	376	371	340	386
Salt Lake	16,711	1,284	1,249	1,367	1,346	1,477	1,450	1,544	1,379	1,415	1,471	1,324	1,405
Southeastern	900	80	68	87	65	71	70	88	72	86	78	59	76
Carbon	325	30	33	24	27	23	22	37	24	40	29	17	19
Emery	195	13	17	19	14	19	15	15	13	20	18	15	17
Grand	128	9	7	10	11	12	13	14	10	9	9	8	16
San Juan	252	28	11	34	13	17	20	22	25	17	22	19	24
Southwest	2,586	223	176	209	197	209	206	271	243	218	216	187	231
Beaver	114	10	7	9	11	10	10	15	7	10	8	10	7
Garfield	73	5	5	11	5	3	8	5	8	8	8	1	6
Iron	679	63	37	42	48	62	58	76	60	53	64	48	68
Kane	101	10	7	7	7	12	11	10	6	5	5	7	14
Washington	1,619	135	120	140	126	122	119	165	162	142	131	121	136
Summit	402	39	25	31	32	49	37	27	31	35	31	30	35
Tooele	671	51	41	57	55	59	57	62	63	59	55	51	61
Uintah Basin	664	60	44	60	45	61	53	62	49	54	60	49	67
Daggett	4	0	0	0	0	0	1	1	0	1	0	0	1
Duchesne	248	23	17	23	15	22	23	22	21	18	31	14	19
Uintah	412	37	27	37	30	39	29	39	28	35	29	35	47
Utah County	8,709	682	695	760	739	821	722	753	722	676	725	666	748
Wasatch	241	19	16	20	24	19	17	22	20	20	28	14	22
Weber-Morgan	3,653	284	269	281	334	316	287	322	320	294	324	304	318
Morgan	95	7	4	9	11	9	8	10	7	8	6	5	11
Weber	3,558	277	265	272	323	307	279	312	313	286	318	299	307

**Table A4. Births by health district, county of residence and age of mother: Utah, 1997**

District and county	Total	Age										Not stated
		Under 15	15 to 19			20-24	25-29	30-34	35-39	40-44	45 and over	
Total	43,009	56	4,494	1,439	3,055	13,624	13,081	7,819	3,230	657	21	27
Bear River	2,804	3	239	78	161	958	887	481	203	32	0	1
Box Elder	721	0	97	34	63	224	208	133	54	5	0	0
Cache	2,054	3	140	44	96	721	672	344	147	27	0	0
Rich	29	0	2	0	2	13	7	4	2	0	0	1
Central Utah	1,153	1	170	54	116	372	313	190	94	12	0	1
Juab	168	0	19	5	14	73	36	25	14	1	0	0
Millard	209	0	17	4	13	55	65	48	22	1	0	1
Piute	20	0	2	0	2	5	7	2	4	0	0	0
Sanpete	410	0	63	20	43	132	108	67	34	6	0	0
Sevier	306	1	63	22	41	95	82	45	17	3	0	0
Wayne	40	0	6	3	3	12	15	3	3	1	0	0
Davis	4,515	2	393	106	287	1,289	1,446	930	391	63	1	0
Salt Lake	16,711	20	1,806	632	1,174	4,844	5,133	3,279	1,322	288	10	9
Southeastern	900	3	149	47	102	316	227	126	67	11	0	1
Carbon	325	1	66	15	51	126	65	48	16	3	0	0
Emery	195	1	33	12	21	61	53	26	17	4	0	0
Grand	128	1	22	10	12	44	33	19	9	0	0	0
San Juan	252	0	28	10	18	85	76	33	25	4	0	1
Southwest	2,586	1	290	72	218	930	727	406	169	50	4	9
Beaver	114	0	9	4	5	51	31	10	8	5	0	0
Garfield	73	0	12	2	10	24	22	8	5	2	0	0
Iron	679	1	77	20	57	270	193	100	27	11	0	0
Kane	101	0	13	4	9	38	24	14	11	0	0	1
Washington	1,619	0	179	42	137	547	457	274	118	32	4	8
Summit	402	0	34	11	23	86	86	111	68	15	1	1
Tooele	671	2	98	30	68	232	195	102	34	8	0	0
Uintah Basin	664	3	118	29	89	227	171	97	37	9	0	2
Daggett	4	0	0	0	1	0	1	1	0	0	1	1
Duchesne	248	2	41	8	33	93	58	33	16	5	0	0
Uintah	412	1	77	21	56	133	113	63	20	4	0	1
Utah County	8,709	10	653	201	452	3,078	2,755	1,476	610	120	4	3
Wasatch	241	1	31	8	23	69	73	48	16	3	0	0
Weber-Morgan	3,653	10	513	171	342	1,223	1,068	573	219	46	1	0
Morgan	95	0	6	2	4	22	30	24	12	1	0	0
Weber	3,558	10	507	169	338	1,201	1,038	549	207	45	1	0

Table A5. Births by health district, county of residence and race of mother: Utah, 1997

District and county	Total	Race of mother					
		White	Black	Native American	Asian and Pacific Islander	Other races	Not stated
Total	43,009	40,499	247	659	1,234	117	253
Bear River	2,804	2,701	15	27	44	5	12
Box Elder	721	700	0	6	9	1	5
Cache	2,054	1,972	15	21	35	4	7
Rich	29	29	0	0	0	0	0
Central Utah	1,153	1,123	0	14	12	0	4
Juab	168	165	0	0	1	0	2
Millard	209	202	0	2	4	0	1
Piute	20	20	0	0	0	0	0
Sanpete	410	402	0	5	2	0	1
Sevier	306	296	0	7	3	0	0
Wayne	40	38	0	0	2	0	0
Davis	4,515	4,331	44	24	97	6	13
Salt Lake	16,711	15,450	128	189	784	79	81
Southeastern	900	723	2	170	4	0	1
Carbon	325	314	2	7	2	0	0
Emery	195	194	0	0	0	0	1
Grand	128	118	0	10	0	0	0
San Juan	252	97	0	153	2	0	0
Southwest	2,586	2,494	2	51	27	7	5
Beaver	114	111	0	1	1	1	0
Garfield	73	71	0	2	0	0	0
Iron	679	649	0	22	5	2	1
Kane	101	99	0	2	0	0	0
Washington	1,619	1,564	2	24	21	4	4
Summit	402	393	1	1	4	1	2
Tooele	671	659	1	6	4	0	1
Uintah Basin	664	585	0	74	4	1	0
Daggett	4	4	0	0	0	0	0
Duchesne	248	222	0	23	3	0	0
Uintah	412	359	0	51	1	1	0
Utah County	8,709	8,285	17	63	201	15	128
Wasatch	241	238	0	2	0	0	1
Weber-Morgan	3,653	3,517	37	38	53	3	5
Morgan	95	95	0	0	0	0	0
Weber	3,558	3,422	37	38	53	3	5

**Table A6. Births by health district, county of residence of mother and birthweight of infant: Utah, 1997**

District and county	Total	Birthweight in grams									
		Under 1000	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500 and over	Unknown
Total	43,009	219	218	543	1,853	7,597	17,060	12,078	3,011	405	25
Bear River	2,804	13	7	22	98	462	1,113	841	211	37	0
Box Elder	721	5	4	7	27	130	301	187	51	9	0
Cache	2,054	7	3	15	70	327	800	646	158	28	0
Rich	29	1	0	0	1	5	12	8	2	0	0
Central Utah	1,153	10	6	18	72	214	461	305	59	6	2
Juab	168	0	3	4	16	26	64	48	5	1	1
Millard	209	0	0	2	14	35	77	63	16	2	0
Piute	20	0	0	0	2	3	10	3	2	0	0
Sanpete	410	5	2	7	21	74	157	113	28	2	1
Sevier	306	4	1	5	17	70	133	69	7	0	0
Wayne	40	1	0	0	2	6	20	9	1	1	0
Davis	4,515	20	34	57	230	845	1,841	1,195	261	31	1
Salt Lake	16,711	90	79	245	736	3,052	6,407	4,677	1,253	155	17
Southeastern	900	3	2	9	51	159	365	249	54	8	0
Carbon	325	2	1	6	23	64	121	92	15	1	0
Emery	195	1	0	0	11	33	81	51	15	3	0
Grand	128	0	1	0	6	22	59	33	7	0	0
San Juan	252	0	0	3	11	40	104	73	17	4	0
Southwest	2,586	12	4	21	95	458	1,075	729	173	16	3
Beaver	114	1	0	2	4	21	56	28	1	0	1
Garfield	73	1	0	0	1	18	28	18	7	0	0
Iron	679	4	2	13	22	137	292	176	33	0	0
Kane	101	0	0	1	3	16	41	34	6	0	0
Washington	1,619	6	2	5	65	266	658	473	126	16	2
Summit	402	2	6	5	13	79	185	89	18	5	0
Tooele	671	3	8	10	37	119	250	192	46	6	0
Uintah Basin	664	2	7	8	35	127	268	167	45	5	0
Daggett	4	0	0	0	0	0	3	1	0	0	0
Duchesne	248	2	2	3	11	45	103	63	16	3	0
Uintah	412	0	5	5	24	82	162	103	29	2	0
Utah County	8,709	46	40	98	307	1,282	3,422	2,710	687	115	2
Wasatch	241	1	1	2	9	42	121	52	12	1	0
Weber-Morgan	3,653	17	24	48	170	758	1,552	872	192	20	0
Morgan	95	0	0	1	4	16	48	21	5	0	0
Weber	3,558	17	24	47	166	742	1,504	851	187	20	0

**Table A7. Births by month prenatal care began by number of prenatal visits, residents: Utah, 1997**

Month care began	Total	Number of prenatal visits							Not stated
		None	1-5	6-9	10-14	15-18	19-27	28 and over	
Total	43,009	161	3,014	13,065	24,184	1,784	281	12	508
None	160	157	0	1	1	1	0	0	0
1	3,333	0	53	528	2,349	312	67	4	20
2	22,083	0	451	5,327	14,981	1,100	158	4	62
3	10,235	0	405	4,034	5,405	306	47	4	34
4	2,927	0	381	1,495	987	50	8	0	6
5	1,557	0	394	870	280	7	1	0	5
6	986	0	393	472	118	3	0	0	0
7	723	0	443	249	27	2	0	0	2
8	443	0	356	65	21	1	0	0	0
9	144	1	125	9	7	0	0	0	2
Not stated	418	3	13	15	8	2	0	0	377

**Table A8. Births by health district, county of residence of mother and month prenatal care began: Utah, 1997**

District and county	Total	Month prenatal care began											Not stated
		None	1	2	3	4	5	6	7	8	9		
Total	43,009	160	3,333	22,083	10,235	2,927	1,557	986	723	443	144	418	
Bear River	2,804	5	171	1,531	781	157	66	24	27	22	11	9	
Box Elder	721	2	56	382	172	48	23	8	8	15	4	3	
Cache	2,054	3	113	1,132	602	108	43	16	17	7	7	6	
Rich	29	0	2	17	7	1	0	0	2	0	0	0	
Central Utah	1,153	6	57	515	333	119	65	24	15	6	2	11	
Juab	168	0	10	73	51	19	9	2	1	2	0	1	
Millard	209	1	5	94	66	25	12	2	1	2	0	1	
Piute	20	0	0	6	7	1	1	2	2	1	0	0	
Sanpete	410	2	19	210	107	26	22	8	7	0	0	9	
Sevier	306	3	21	116	89	44	18	10	2	1	2	0	
Wayne	40	0	2	16	13	4	3	0	2	0	0	0	
Davis	4,515	10	412	2,286	1,218	263	138	75	49	27	9	28	
Salt Lake	16,711	77	1,226	8,328	3,854	1,214	714	482	385	218	69	144	
Southeastern	900	6	63	369	241	85	50	27	24	18	8	9	
Carbon	325	2	22	148	91	25	17	6	5	6	0	3	
Emery	195	1	13	81	50	24	4	8	8	4	0	2	
Grand	128	1	17	60	25	8	9	5	0	1	0	2	
San Juan	252	2	11	80	75	28	20	8	11	7	8	2	
Southwest	2,586	20	103	1,510	508	185	108	64	44	25	9	10	
Beaver	114	1	20	45	28	7	6	2	0	2	0	3	
Garfield	73	2	6	32	24	4	3	1	1	0	0	0	
Iron	679	0	52	421	135	36	17	10	4	3	1	0	
Kane	101	1	2	45	23	10	4	4	5	4	2	1	
Washington	1,619	16	23	967	298	128	78	47	34	16	6	6	
Summit	402	3	24	211	106	27	10	10	3	4	1	3	
Tooele	671	0	48	336	166	39	28	18	19	8	3	6	
Uintah Basin	664	3	77	318	139	63	25	13	15	6	2	3	
Daggett	4	0	0	1	2	0	0	0	1	0	0	0	
Duchesne	248	0	39	120	51	18	7	6	5	0	1	1	
Uintah	412	3	38	197	86	45	18	7	10	5	1	2	
Utah County	8,709	13	681	4,879	1,986	496	212	133	75	67	21	146	
Wasatch	241	1	25	120	56	19	9	6	3	1	1	0	
Weber-Morgan	3,653	16	446	1,680	847	260	132	110	64	41	8	49	
Morgan	95	0	10	43	25	7	4	2	2	0	0	2	
Weber	3,558	16	436	1,637	822	253	128	108	62	41	8	47	

**Table A9. Births by health district, county of residence of mother and number of prenatal visits: Utah, 1997**

District and county	Total	Number of prenatal visits							
		None	1-5	6-9	10-14	15-18	19-27	28 and over	Not stated
Total	43,009	161	3,014	13,065	24,184	1,784	281	12	508
Bear River	2,804	5	85	391	2,123	155	34	0	11
Box Elder	721	2	36	180	465	31	3	0	4
Cache	2,054	3	46	204	1,639	124	31	0	7
Rich	29	0	3	7	19	0	0	0	0
Central Utah	1,153	6	110	346	598	66	7	1	19
Juab	168	0	12	52	89	6	0	1	8
Millard	209	1	18	52	126	10	1	0	1
Piute	20	0	4	6	9	1	0	0	0
Sanpete	410	2	31	105	229	32	2	0	9
Sevier	306	3	41	116	127	14	4	0	1
Wayne	40	0	4	15	18	3	0	0	0
Davis	4,515	10	199	1,404	2,571	267	36	1	27
Salt Lake	16,711	77	1,481	4,839	9,283	738	125	3	165
Southeastern	900	6	111	321	421	27	1	0	13
Carbon	325	2	30	124	160	4	0	0	5
Emery	195	1	27	72	91	2	0	0	2
Grand	128	1	2	28	79	16	0	0	2
San Juan	252	2	52	97	91	5	1	0	4
Southwest	2,586	19	263	1,120	1,075	79	15	3	12
Beaver	114	0	6	37	60	8	1	0	2
Garfield	73	2	1	23	36	7	3	1	0
Iron	679	0	25	178	446	22	6	0	2
Kane	101	1	17	34	43	3	1	1	1
Washington	1,619	16	214	848	490	39	4	1	7
Summit	402	3	24	128	218	20	4	0	5
Tooele	671	1	43	222	351	39	5	0	10
Uintah Basin	664	3	37	214	370	24	11	2	3
Daggett	4	0	1	2	1	0	0	0	0
Duchesne	248	0	9	73	145	13	6	1	1
Uintah	412	3	27	139	224	11	5	1	2
Utah County	8,709	14	351	2,545	5,406	172	21	1	199
Wasatch	241	1	8	75	141	12	3	0	1
Weber-Morgan	3,653	16	302	1,460	1,627	185	19	1	43
Morgan	95	0	3	42	46	2	0	0	2
Weber	3,558	16	299	1,418	1,581	183	19	1	41

**Table A10. Births by race of mother, birth order of infant and age of mother, residents: Utah, 1997**

Race of mother and birth order of infant	Total	Age of mother										
		Under 15		15 to 19			45 and over					
		Total	15	Total	15-17	18-19	20-24	25-29	30-34	35-39	40-44	
All races	43,009	56	4,494	1,439	3,055	13,624	13,081	7,819	3,230	657	21	27
First	16,126	54	3,645	1,308	2,337	7,279	3,628	1,080	369	64	0	7
Second	12,359	2	758	126	632	4,556	4,534	1,822	579	94	4	10
Third	7,240	0	85	4	81	1,382	3,140	1,994	557	74	1	7
Fourth	3,850	0	5	1	4	324	1,271	1,606	546	93	4	1
Fifth	1,796	0	1	0	1	63	372	768	504	83	4	1
Sixth or more	1,638	0	0	0	0	20	136	549	675	249	8	1
White	40,499	47	4,190	1,335	2,855	12,960	12,367	7,282	2,996	613	20	24
First	15,199	45	3,416	1,221	2,195	6,961	3,407	967	340	58	0	5
Second	11,642	2	693	110	583	4,343	4,315	1,662	529	86	3	9
Third	6,843	0	76	3	73	1,297	2,993	1,896	507	66	1	7
Fourth	3,615	0	4	1	3	288	1,191	1,523	514	90	4	1
Fifth	1,683	0	1	0	1	52	346	721	476	82	4	1
Sixth or more	1,517	0	0	0	0	19	115	513	630	231	8	1
Black	247	2	58	23	35	75	54	41	12	4	0	1
First	106	2	46	19	27	31	17	8	2	0	0	0
Second	74	0	9	4	5	22	23	14	4	1	0	1
Third	38	0	3	0	3	14	8	12	1	0	0	0
Fourth	16	0	0	0	0	5	3	4	3	1	0	0
Fifth	7	0	0	0	0	3	3	1	0	0	0	0
Sixth or more	6	0	0	0	0	0	0	2	2	2	0	0
Native American	659	4	127	44	83	216	158	94	51	7	0	2
First	208	4	90	37	53	84	17	8	2	1	0	2
Second	168	0	32	6	26	76	38	16	5	1	0	0
Third	108	0	4	1	3	34	44	14	10	2	0	0
Fourth	85	0	1	0	1	14	36	28	6	0	0	0
Fifth	48	0	0	0	0	7	12	16	12	1	0	0
Sixth or more	42	0	0	0	0	1	11	12	16	2	0	0
Asian and Pacific Islander	1,234	2	77	22	55	289	393	318	133	21	1	0
First	488	2	62	18	44	159	163	81	18	3	0	0
Second	378	0	14	4	10	86	122	112	37	6	1	0
Third	187	0	1	0	1	30	65	54	31	6	0	0
Fourth	92	0	0	0	0	13	26	34	19	0	0	0
Fifth	39	0	0	0	0	1	9	19	10	0	0	0
Sixth or more	50	0	0	0	0	0	8	18	18	6	0	0
Other races	117	0	17	6	11	24	36	30	9	1	0	0
First	35	0	10	5	5	11	9	4	1	0	0	0
Second	40	0	6	1	5	11	13	9	1	0	0	0
Third	20	0	1	0	1	1	9	6	3	0	0	0
Fourth	12	0	0	0	0	1	1	8	1	1	0	0
Fifth	5	0	0	0	0	0	2	2	1	0	0	0
Sixth or more	5	0	0	0	0	0	2	1	2	0	0	0
Not stated	253	1	25	9	16	60	73	54	29	11	0	0
First	90	1	21	8	13	33	15	12	6	2	0	0
Second	57	0	4	1	3	18	23	9	3	0	0	0
Third	44	0	0	0	0	6	21	12	5	0	0	0
Fourth	30	0	0	0	0	3	14	9	3	1	0	0
Fifth	14	0	0	0	0	0	0	9	5	0	0	0
Sixth or more	18	0	0	0	0	0	0	3	7	8	0	0

**Table A11. Births by race and age of mother and month prenatal care began, residents: Utah, 1997**

Mothers race and age	Total	Month prenatal care began											Not stated
		None	1	2	3	4	5	6	7	8	9		
Total	43,009	160	3,333	22,083	10,235	2,927	1,557	986	723	443	144	418	
Under 15	56	3	1	7	18	6	11	4	1	1	1	3	
Total 15-19	4,477	30	246	1,730	1,150	509	301	202	128	79	19	83	
15-17	1,439	10	63	465	412	187	105	78	52	27	7	33	
18-19	3,055	21	184	1,270	741	324	198	124	77	53	12	51	
20-24	13,624	42	1,144	6,990	3,062	951	506	346	253	148	45	137	
25-29	13,081	33	1,074	7,145	3,074	741	353	226	185	110	37	103	
30-34	7,819	23	552	4,224	1,925	471	231	136	105	64	30	58	
35-39	3,230	16	261	1,647	818	191	127	61	44	28	9	28	
40-44	657	11	46	313	179	49	23	11	6	11	3	5	
45 and over	21	0	4	11	2	3	1	0	0	0	0	0	
Not stated	27	1	4	11	4	4	2	0	0	1	0	0	
White	40,499	136	3,215	21,127	9,625	2,678	1,387	867	605	375	110	374	
Under 15	47	1	1	7	16	5	9	3	1	1	0	3	
Total 15-19	4,190	28	230	1,650	1,086	470	280	176	108	73	17	72	
15-17	1,335	7	60	441	391	172	99	64	44	25	6	26	
18-19	2,855	21	170	1,209	695	298	181	112	64	48	11	46	
20-24	12,960	36	1,115	6,760	2,906	881	451	307	215	131	36	122	
25-29	12,367	27	1,042	6,853	2,881	675	324	202	153	89	26	95	
30-34	7,282	20	529	3,986	1,812	418	190	119	84	47	24	53	
35-39	2,996	13	249	1,548	753	179	111	50	39	24	5	25	
40-44	613	10	41	301	166	44	20	10	5	10	2	4	
45 and over	20	0	4	11	2	2	1	0	0	0	0	0	
Not stated	24	1	4	11	3	4	1	0	0	0	0	0	
Black	247	2	15	96	62	26	12	7	13	7	2	5	
Under 15	2	0	0	0	1	1	0	0	0	0	0	0	
Total 15-19	58	0	4	16	12	8	5	3	5	1	0	4	
15-17	23	0	2	4	4	3	2	2	3	0	0	3	
18-19	35	0	2	12	8	5	3	1	2	1	0	1	
20-24	75	0	2	18	28	8	5	3	6	3	1	1	
25-29	54	1	5	27	14	3	0	0	1	2	1	0	
30-34	41	0	2	27	4	4	2	1	1	0	0	0	
35-39	12	1	1	8	1	1	0	0	0	0	0	0	
40-44	4	0	1	0	1	1	0	0	0	1	0	0	
45 and over	0	0	0	0	0	0	0	0	0	0	0	0	
Not stated	1	0	0	0	1	0	0	0	0	0	0	0	
Native American	659	12	22	209	156	80	53	36	42	22	20	7	
Under 15	4	2	0	0	1	0	1	0	0	0	0	0	
Total 15-19	127	2	3	33	33	19	8	13	10	4	1	1	
15-17	44	2	0	9	10	7	2	6	5	2	1	0	
18-19	83	0	3	24	23	12	6	7	5	2	0	1	
20-24	216	3	8	69	54	28	18	9	13	3	6	5	
25-29	158	3	5	52	38	12	12	10	12	7	7	0	
30-34	94	2	4	33	18	14	5	2	6	6	3	1	
35-39	51	0	2	20	10	5	7	2	1	1	3	0	
40-44	7	0	0	2	2	2	1	0	0	0	0	0	
45 and over	0	0	0	0	0	0	0	0	0	0	0	0	
Not stated	2	0	0	0	0	0	1	0	0	1	0	0	

**Table A11 continued. Births by race and age of mother and month prenatal care began, residents: Utah, 1997**

Mothers race and age	Total	Month prenatal care began										Not stated
		None	1	2	3	4	5	6	7	8	9	
Asian and Pacific Islander	1,234	9	54	506	297	108	85	70	54	29	9	13
Under 15	2	0	0	0	0	0	0	1	0	0	1	0
Total 15-19	77	0	5	26	12	8	8	9	5	0	1	3
15-17	22	0	0	9	4	2	2	5	0	0	0	0
18-19	55	0	5	17	8	6	6	4	5	0	1	3
20-24	289	3	9	109	61	27	25	27	16	9	1	2
25-29	393	2	17	168	103	40	16	13	17	9	2	6
30-34	318	1	12	144	71	26	28	12	11	8	3	2
35-39	133	2	7	54	43	5	6	8	4	3	1	0
40-44	21	1	4	5	7	1	2	0	1	0	0	0
45 and over	1	0	0	0	0	1	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0	0	0	0
Other races	117	1	16	38	23	11	12	0	7	7	0	2
Under 15	0	0	0	0	0	0	0	0	0	0	0	0
Total 15-19	17	1	1	5	3	2	2	0	1	1	0	1
15-17	6	1	0	1	1	2	0	0	0	0	0	1
18-19	11	0	1	4	2	0	2	0	1	1	0	0
20-24	24	0	7	7	2	1	3	0	2	1	0	1
25-29	36	0	3	11	12	5	0	0	2	3	0	0
30-34	30	0	5	11	2	3	5	0	2	2	0	0
35-39	9	0	0	4	3	0	2	0	0	0	0	0
40-44	1	0	0	0	1	0	0	0	0	0	0	0
45 and over	0	0	0	0	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0	0	0	0
Not stated	253	0	11	107	72	24	8	6	2	3	3	17
Under 15	1	0	0	0	0	0	1	0	0	0	0	0
Total 15-19	25	0	4	5	7	4	0	1	0	1	0	3
15-17	9	0	1	1	2	1	0	1	0	0	0	3
18-19	16	0	3	4	5	3	0	0	0	1	0	0
20-24	60	0	3	27	11	6	4	0	1	1	1	6
25-29	73	0	2	34	26	6	1	1	0	0	1	2
30-34	54	0	0	23	18	6	1	2	1	1	0	2
35-39	29	0	2	13	8	1	1	1	0	0	0	3
40-44	11	0	0	5	2	1	0	1	0	0	1	1
45 and over	0	0	0	0	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0	0	0	0

Table A12. Births by race and age of mother and number of prenatal visits, residents: Utah, 1997

Mother's race and age	Total	Number of prenatal visits							Not stated
		None	1-5	6-9	10-14	15-18	19-27	28 and over	
Total	43,009	161	3,014	13,065	24,184	1,784	281	12	508
Under 15	56	3	6	25	17	1	2	0	2
Total 15-19	4,477	30	500	1,493	2,156	184	21	2	91
15-17	1,439	10	175	498	654	58	8	0	36
18-19	3,055	21	329	1,002	1,506	126	13	2	56
20-24	13,624	43	1,015	3,981	7,716	598	96	2	173
25-29	13,081	33	747	3,916	7,613	555	92	3	122
30-34	7,819	23	477	2,394	4,520	288	45	1	71
35-39	3,230	16	205	1,021	1,792	133	21	3	39
40-44	657	11	56	214	341	22	3	1	9
45 and over	21	0	0	10	8	3	0	0	0
Not stated	27	1	4	4	17	0	1	0	0
White	40,499	136	2,635	12,196	23,083	1,707	270	11	461
Under 15	47	1	4	22	15	1	2	0	2
Total 15-19	4,190	28	444	1,386	2,052	176	20	2	82
15-17	1,335	7	152	460	624	55	7	0	30
18-19	2,855	21	292	926	1,428	121	13	2	52
20-24	12,960	37	901	3,757	7,440	575	93	2	155
25-29	12,367	26	651	3,662	7,283	538	88	3	116
30-34	7,282	20	405	2,217	4,259	271	44	0	66
35-39	2,996	13	175	940	1,687	123	21	3	34
40-44	613	10	52	199	324	20	1	1	6
45 and over	20	0	0	10	7	3	0	0	0
Not stated	24	1	3	3	16	0	1	0	0
Black	247	2	39	80	101	17	3	0	5
Under 15	2	0	0	1	1	0	0	0	0
Total 15-19	58	0	15	20	18	2	0	0	3
15-17	23	0	8	5	7	1	0	0	2
18-19	35	0	7	15	11	1	0	0	1
20-24	75	0	14	24	29	5	1	0	2
25-29	54	1	6	16	26	4	1	0	0
30-34	41	0	3	14	20	4	0	0	0
35-39	12	1	0	3	7	1	0	0	0
40-44	4	0	1	1	0	1	1	0	0
45 and over	0	0	0	0	0	0	0	0	0
Not stated	1	0	0	1	0	0	0	0	0
Native American	659	12	147	246	219	23	5	0	7
Under 15	4	2	1	0	1	0	0	0	0
Total 15-19	127	2	26	54	42	3	0	0	0
15-17	44	2	11	19	11	1	0	0	0
18-19	83	0	15	35	31	2	0	0	0
20-24	216	3	42	80	74	10	2	0	5
25-29	158	3	42	60	47	4	2	0	0
30-34	94	2	22	34	31	3	1	0	1
35-39	51	0	12	15	20	3	0	0	1
40-44	7	0	1	3	3	0	0	0	0
45 and over	0	0	0	0	0	0	0	0	0
Not stated	2	0	1	0	1	0	0	0	0

**Table A12 continued. Births by race and age of mother and number of prenatal visits, residents: Utah, 1997**

Mother's race and age	Total	Number of prenatal visits							Not stated
		None	1-5	6-9	10-14	15-18	19-27	28 and over	
<b>Asian and Pacific Islander</b>									
Under 15	1,234	9	165	402	612	28	2	0	16
Total 15-19	2	0	1	1	0	0	0	0	0
15-17	77	0	13	26	31	3	1	0	3
18-19	22	0	4	8	8	1	1	0	0
20-24	55	0	9	18	23	2	0	0	3
25-29	289	3	49	95	132	6	0	0	4
30-34	393	2	43	125	210	8	0	0	5
35-39	318	1	39	101	168	7	0	0	2
40-44	133	2	18	49	60	3	0	0	1
45 and over	21	1	2	5	10	1	1	0	1
Not stated	1	0	0	0	1	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0
<b>Other races</b>									
Under 15	117	1	15	46	49	4	0	0	2
Total 15-19	0	0	0	0	0	0	0	0	0
15-17	17	1	4	7	4	0	0	0	1
18-19	6	1	0	3	1	0	0	0	1
20-24	11	0	4	4	3	0	0	0	0
25-29	24	0	4	5	13	1	0	0	1
30-34	36	0	2	19	15	0	0	0	0
35-39	30	0	5	9	13	3	0	0	0
40-44	9	0	0	5	4	0	0	0	0
45 and over	1	0	0	1	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0
<b>Not stated</b>									
Under 15	253	1	13	95	120	5	1	1	17
Total 15-19	1	0	0	1	0	0	0	0	0
15-17	25	0	2	7	13	0	0	0	3
18-19	9	0	0	3	3	0	0	0	3
20-24	16	0	2	4	10	0	0	0	0
25-29	60	0	5	20	28	1	0	0	6
30-34	73	1	3	34	32	1	1	0	1
35-39	54	0	3	19	29	0	0	1	2
40-44	54	0	0	9	14	3	0	0	3
45 and over	29	0	0	5	4	0	0	0	2
Not stated	11	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0

**Table A13. Births by race of mother, gender and birthweight of infant, residents: Utah, 1997**

Race of mother and sex of infant	Total	Birthweight in grams									
		Under 1000	1000- 1499	1500- 1999	2000- 2499	2500- 2999	3000- 3499	3500- 3999	4000- 4499	4500 and over	Un- known
Total	43,009	219	218	543	1,853	7,597	17,060	12,078	3,011	405	25
Male	22,067	122	109	263	847	3,312	8,371	6,761	1,968	295	19
Female	20,942	97	109	280	1,006	4,285	8,689	5,317	1,043	110	6
White	40,499	205	198	502	1,720	7,076	16,088	11,464	2,858	371	17
Male	20,818	116	101	242	788	3,098	7,871	6,434	1,882	274	12
Female	19,681	89	97	260	932	3,978	8,217	5,030	976	97	5
Black	247	3	4	4	24	70	91	39	10	2	0
Male	125	0	0	2	12	29	53	19	9	1	0
Female	122	3	4	2	12	41	38	20	1	1	0
Native American	659	3	5	10	28	111	258	187	45	12	0
Male	338	1	3	8	15	47	130	99	26	9	0
Female	321	2	2	2	13	64	128	88	19	3	0
Asian and Pacific Islander	1,234	6	9	20	67	277	486	281	76	12	0
Male	595	4	5	6	25	108	254	150	37	6	0
Female	639	2	4	14	42	169	232	131	39	6	0
Other race	1,234	6	9	20	67	277	486	281	76	12	0
Male	595	4	5	6	25	108	254	150	37	6	0
Female	639	2	4	14	42	169	232	131	39	6	0
Not stated	117	0	0	4	7	22	43	33	6	2	0
Male	62	0	0	2	3	13	17	20	5	2	0
Female	55	0	0	2	4	9	26	13	1	0	0

**Table A14. Births by gestation period and birthweight of infant, residents: Utah, 1997**

Gestation period in weeks	Total	Birthweight in grams									
		Under 1000	1000- 1499	1500- 1999	2000- 2499	2500- 2999	3000- 3499	3500- 3999	4000- 4499	4500 and over	Un- known
Total	43,009	219	218	543	1,853	7,597	17,060	12,078	3,011	405	25
Under 20	14	9	1	0	1	0	2	0	1	0	0
20-27	220	174	24	7	4	4	7	0	0	0	0
28-35	2,247	34	181	424	671	525	287	103	18	4	0
36	1,772	0	2	39	333	739	456	164	33	6	0
37	3,818	0	4	29	313	1,290	1,521	550	97	14	0
38	8,411	0	2	27	233	1,814	3,871	2,039	376	48	1
39	11,741	0	1	8	150	1,717	5,136	3,766	855	105	3
40	9,053	0	1	6	81	922	3,644	3,358	920	116	5
41	3,754	0	0	2	34	324	1,378	1,430	503	82	1
42	992	0	1	0	14	131	383	328	118	17	0
43	494	0	1	0	13	61	199	170	45	5	0
44	202	0	0	0	0	24	88	67	22	1	0
45 and over	232	0	0	1	5	40	76	86	18	6	0
Not stated	59	2	0	0	1	6	12	17	5	1	15

**Table A15. Births by number of previous births, age and education of mother, residents: Utah, 1997**

Previous births and age of mother	Total	Education of mother			
		Less than high school	High school graduate	One or more years college	Not stated
Total	43,009	6,159	14,090	22,402	358
Under 20	4,550	2,570	1,744	194	42
20-29	26,705	2,880	9,432	14,196	197
30 and over	11,727	705	2,905	7,998	119
Not stated	27	4	9	14	0
No previous births					
Total	16,125	2,761	5,203	8,031	130
Under 20	3,699	2,032	1,458	175	34
20-29	10,906	674	3,427	6,725	80
30 and over	1,513	54	315	1,128	16
Not stated	7	1	3	3	0
One previous birth					
Total	12,359	1,632	4,320	6,325	82
Under 20	760	477	261	16	6
20-29	9,090	1,052	3,449	4,532	57
30 and over	2,499	102	608	1,770	19
Not stated	10	1	2	7	0
Two previous births					
Total	7,240	873	2,386	3,923	58
Under 20	85	59	21	3	2
20-29	4,522	666	1,701	2,117	38
30 and over	2,626	147	660	1,801	18
Not stated	7	1	4	2	0
Three previous births					
Total	3,850	489	1,172	2,153	36
Under 20	5	2	3	0	0
20-29	1,595	324	615	643	13
30 and over	2,249	162	554	1,510	23
Not stated	1	1	0	0	0
Four and over previous births					
Total	3,434	404	1,008	1,970	52
Under 20	1	0	1	0	0
20-29	591	164	239	179	9
30 and over	2,840	240	768	1,789	43
Not stated	2	0	0	2	0
Not stated					
Total	1	0	1	0	0
Under 20	0	0	0	0	0
20-29	1	0	1	0	0
30 and over	0	0	0	0	0
Not stated	0	0	0	0	0

**Table A16. Births by age and education of parents, residents: Utah, 1997**

Age of parent	Education of parents											
	Total		Less than high school		High school graduate		One or more years of college		Not stated			
	Father	Mother	Father	Mother	Father	Mother	Father	Mother	Father	Mother	Father	Mother
Total	43,009	43,009	3,687	6,159	11,384	14,090	23,269	22,402	4,669	358		
Under 15	0	56	0	53	0	0	0	0	0	3		
15	12	172	10	170	0	0	0	0	2	2		
16	37	410	33	400	0	9	0	0	4	1		
17	148	857	121	748	18	96	1	2	8	11		
18	394	1,291	205	624	162	638	9	21	18	8		
19	671	1,764	211	575	382	1,001	54	171	24	17		
20-24	8,330	13,624	1,208	1,907	3,517	5,620	3,443	5,991	162	106		
25-29	13,043	13,081	925	973	3,479	3,812	8,432	8,205	207	91		
30-34	9,114	7,819	505	467	2,099	1,984	6,368	5,299	142	69		
35-39	4,857	3,230	284	182	1,115	788	3,378	2,218	80	42		
40-44	1,635	657	82	54	385	132	1,119	463	49	8		
45 and over	606	21	42	2	115	1	431	18	18	0		
Not stated	4,162	27	61	4	112	9	34	14	3,955	0		

**Table A17. Births to unmarried mothers by age and education of parents, residents: Utah, 1997**

Age of parents	Education of parents											
	Total		Less than high school		High school graduate		One or more years of college		Not stated			
	Father	Mother	Father	Mother	Father	Mother	Father	Mother	Father	Mother	Father	Mother
Total	7,145	7,145	1,047	3,055	1,494	2,902	546	1,099	4,058	89		
Under 15	0	54	0	51	0	0	0	0	0	3		
15	10	154	8	152	0	0	0	0	2	2		
16	30	331	26	325	0	5	0	0	4	1		
17	90	622	75	547	8	63	0	2	7	10		
18	209	748	115	381	79	354	1	8	14	5		
19	266	844	109	324	127	450	13	59	17	11		
20-24	1,184	2,458	366	777	587	1,226	147	434	84	21		
25-29	753	1,080	170	289	342	476	176	302	65	13		
30-34	324	545	71	138	134	205	86	189	33	13		
35-39	168	240	33	55	72	100	48	78	15	7		
40-44	82	52	13	12	27	16	33	21	9	3		
45 and over	42	0	6	0	15	0	14	0	7	0		
Not stated	3,987	17	55	4	103	7	28	6	3,801	0		

**Table A18. Births to unmarried mothers by health district, county of residence and age of mother: Utah, 1997**

District and county	Total	Age of mother									
		Under 15		15 to 19			45 and over				
		Total	15	Total	15-17	18-19	20-24	25-29	30-34	35-39	Not stated
Total	7,145	54	2,699	1,107	1,592	2,458	1,080	545	240	52	0
Bear River	272	3	116	55	61	84	42	22	5	0	0
Box Elder	127	0	61	31	30	35	21	8	2	0	0
Cache	144	3	54	24	30	49	21	14	3	0	0
Rich	1	0	1	0	1	0	0	0	0	0	0
Central Utah	178	1	75	31	44	57	20	13	11	0	1
Juab	23	0	9	3	6	8	2	3	1	0	0
Millard	18	0	7	3	4	7	3	0	0	0	1
Piute	4	0	2	0	2	1	0	0	1	0	0
Sanpete	75	0	27	12	15	26	7	7	8	0	0
Sevier	51	1	27	11	16	12	7	3	1	0	0
Wayne	7	0	3	2	1	3	1	0	0	0	0
Davis	583	2	224	76	148	202	88	46	17	4	0
Salt Lake	3,442	20	1,236	518	718	1,179	570	284	120	29	0
Southeastern	279	3	90	37	53	94	54	25	11	1	0
Carbon	90	1	39	11	28	34	10	5	1	0	0
Emery	33	1	15	10	5	6	5	6	0	0	0
Grand	50	1	13	7	6	21	12	2	1	0	0
San Juan	106	0	23	9	14	33	27	12	9	1	0
Southwest	341	1	130	48	82	117	49	21	12	3	0
Beaver	11	0	2	2	0	5	3	0	1	0	0
Garfield	10	0	5	2	3	4	0	0	1	0	0
Iron	91	1	36	13	23	36	11	5	1	1	0
Kane	19	0	8	3	5	8	1	1	1	0	0
Washington	210	0	79	28	51	64	34	15	8	2	0
Summit	42	0	13	4	9	18	7	3	1	0	0
Tooele	154	2	65	28	37	51	19	11	6	0	0
Uintah Basin	162	3	65	22	43	52	23	13	4	1	0
Daggett	0	0	0	0	0	0	0	0	0	0	0
Duchesne	60	2	25	7	18	21	7	4	0	1	0
Uintah	102	1	40	15	25	31	16	9	4	0	1
Utah County	811	8	337	145	192	293	93	53	19	6	0
Wasatch	26	1	7	4	3	13	3	1	1	0	0
Weber-Morgan	855	10	341	139	202	298	112	53	33	8	0
Morgan	10	0	2	1	1	4	2	1	1	0	0
Weber	845	10	339	138	201	294	110	52	32	8	0

**Table A19. Births by marital status of mother, race and age of mother, residents: Utah, 1997**

Marital status and race of mother	Total	Age of mother										
		Under		15 to 19			20-24		25-29		30-34	
		15	Total	15-17	18-19	20-24	25-29	30-34	35-39	40-44	Not stated	
Total	43,009	56	4,494	1,439	3,055	13,624	13,081	7,819	3,230	657	21	27
White	40,499	47	4,190	1,335	2,855	12,960	12,367	7,282	2,996	613	20	24
Black	247	2	58	23	35	75	54	41	12	4	0	1
Native American	659	4	127	44	83	216	158	94	51	7	0	2
Asian and Pacific Islander	1,234	2	77	22	55	289	393	318	133	21	1	0
Other race	117	0	17	6	11	24	36	30	9	1	0	0
Not stated	253	1	25	9	16	60	73	54	29	11	0	0
Mother married	35,864	2	1,795	332	1,463	11,166	12,001	7,274	2,990	605	21	10
White	34,121	2	1,727	322	1,405	10,749	11,438	6,813	2,793	569	20	10
Black	111	0	7	1	6	31	31	33	6	3	0	0
Native American	271	0	21	1	20	86	77	52	31	4	0	0
Asian and Pacific Islander	1,072	0	28	6	22	231	363	300	129	20	1	0
Other race	83	0	4	0	4	18	27	27	6	1	0	0
Not stated	206	0	8	2	6	51	65	49	25	8	0	0
Mother unmarried	7,145	54	2,699	1,107	1,592	2,458	1,080	545	240	52	0	17
White	6,378	45	2,463	1,013	1,450	2,211	929	469	203	44	0	14
Black	136	2	51	22	29	44	23	8	6	1	0	1
Native American	388	4	106	43	63	130	81	42	20	3	0	2
Asian and Pacific Islander	162	2	49	16	33	58	30	18	4	1	0	0
Other race	34	0	13	6	7	6	9	3	3	0	0	0
Not stated	47	1	17	7	10	9	8	5	4	3	0	0

**Table A20. Births by age of mother and birthweight of infant, Residents: Utah, 1997**

Age of mother	Total	Birthweight in grams														
		Under	1000-	1499	1500-	1999	2000-	2499	2500-	2999	3000-	3499	3500-	3999	4000-	4499
Total	43,009	219	218	543	1,853	7,597	17,060	12,078	3,011		405	25				
Under 15	56	1	0	0	5	21	13	13	3		0	0				
Total 15-19	4,494	36	29	85	290	1,063	1,794	1,001	169		22	5				
15-17	1,439	15	8	29	87	368	588	291	47		5	1				
18-19	3,055	21	21	56	203	695	1,206	710	122		17	4				
20-24	13,624	63	71	166	621	2,645	5,525	3,666	779		79	9				
25-29	13,081	58	59	140	468	2,126	5,318	3,844	937		128	3				
30-34	7,819	38	33	90	309	1,151	2,941	2,411	739		104	3				
35-39	3,230	20	20	49	124	491	1,208	950	308		56	4				
40-44	657	2	6	13	32	94	244	182	68		15	1				
45 and over	21	1	0	0	2	3	4	7	3		1	0				
Not stated	27	0	0	0	2	3	13	4	5		0	0				

**Table A21. Births by birthweight of infant and tobacco use of mother (trimester of first use of cigarettes), residents: Utah, 1997**

Birthweight in grams	Tobacco use of mother							
	Trimester of first use of cigarettes				Un-known		Un-known	
Total	Yes	1st	2nd	3rd	No	166		
Total	43,009	3,783	3,648	61	72	2	39,060	166
Under 1000	219	26	25	1	0	0	192	1
1000-1499	218	50	49	1	0	0	167	1
1500-1999	543	116	115	0	1	0	423	4
2000-2499	1,853	326	315	8	3	0	1,518	9
2500-2999	7,597	1,121	1,084	16	21	0	6,450	26
3000-3499	17,060	1,368	1,313	24	29	2	15,627	65
3500-3999	12,078	642	619	9	14	0	11,394	42
4000-4499	3,011	115	110	2	3	0	2,889	7
4500 and over	405	18	17	0	1	0	385	2
Not stated	25	1	1	0	0	0	15	9

**Table A22. Births by birthweight of infant and alcohol use of mother (trimester of first use), residents: Utah, 1997**

Birthweight in grams	Alcohol use of mother							
	Trimester of first use				Un-known		Un-known	
Total	Yes	1st	2nd	3rd	No	174		
Total	43,009	554	460	49	40	5	42,281	174
Under 1000	219	3	3	0	0	0	214	2
1000-1499	218	5	5	0	0	0	213	0
1500-1999	543	15	15	0	0	0	524	4
2000-2499	1,853	42	38	3	1	0	1,802	9
2500-2999	7,597	127	106	13	8	0	7,441	29
3000-3499	17,060	206	172	17	14	3	16,791	63
3500-3999	12,078	123	96	11	15	1	11,910	45
4000-4499	3,011	29	22	4	2	1	2,972	10
4500 and over	405	3	2	1	0	0	399	3
Not stated	25	1	1	0	0	0	15	9

Table A23. Births by five-minute apgar score and birthweight of infant, residents: Utah, 1997

Five minute apgar score	Total	Birthweight in grams										
		Under 1000	1000- 1499	1500- 1999	2000- 2499	2500- 2999	3000- 3499	3500- 3999	4000- 4499	4500 and over	Un- known	
Total	43,009	219	218	543	1,853	7,597	17,060	12,078	3,011	405	25	
0	28	15	1	1	0	5	3	2	0	1	0	
1	54	36	5	4	1	5	0	3	0	0	0	
2	32	11	2	4	5	4	3	2	1	0	0	
3	46	9	5	5	6	3	6	7	5	0	0	
4	65	11	3	7	3	9	17	10	5	0	0	
5	110	11	6	10	12	17	30	16	6	1	1	
6	297	26	20	27	40	51	77	47	7	2	0	
7	807	33	34	60	88	132	242	168	44	6	0	
8	4,042	35	53	144	327	787	1,385	988	275	48	0	
9	35,526	23	83	269	1,323	6,243	14,478	10,246	2,533	325	3	
10	1,872	3	5	12	44	323	778	560	127	17	3	
Unknown	130	6	1	0	4	18	41	29	8	5	18	

**Table A24. Births to mothers of Spanish origin by age of mother, health district and county of residence: Utah, 1997**

District and county	Total	Age of mother																		
		Under 15		15 to 19			20-24		25-29		30-34		35-39		40-44		45 and over		Not stated	
		Total	15	Total	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 and over	Not stated							
Total	4,291	25		799	310	489	1,470	1,144	589	209	54	1	0							
Bear River	211	2		33	14	19	84	51	31	8	2	0	0							
Box Elder	72	0		13	6	7	32	15	10	1	1	0	0							
Cache	138	2		20	8	12	51	36	21	7	1	0	0							
Rich	1	0		0	0	0	1	0	0	0	0	0	0							
Central Utah	60	0		9	2	7	22	16	11	2	0	0	0							
Juab	2	0		0	0	0	1	0	1	0	0	0	0							
Millard	20	0		1	0	1	9	7	3	0	0	0	0							
Piute	1	0		0	0	0	0	1	0	0	0	0	0							
Sanpete	27	0		6	2	4	6	7	6	2	0	0	0							
Sevier	10	0		2	0	2	6	1	1	0	0	0	0							
Wayne	0	0		0	0	0	0	0	0	0	0	0	0							
Davis	240	1		44	16	28	75	61	43	16	0	0	0							
Salt Lake	2,231	10		435	174	261	750	587	308	108	32	1	0							
Southeastern	67	2		11	3	8	31	15	5	3	0	0	0							
Carbon	33	1		8	3	5	15	5	2	2	0	0	0							
Emery	16	1		0	0	0	8	3	3	1	0	0	0							
Grand	4	0		1	0	1	1	2	0	0	0	0	0							
San Juan	14	0		2	0	2	7	5	0	0	0	0	0							
Southwest	127	1		32	9	23	44	33	13	4	0	0	0							
Beaver	8	0		1	1	0	4	2	0	1	0	0	0							
Garfield	2	0		1	0	1	1	0	0	0	0	0	0							
Iron	24	1		10	3	7	5	5	2	1	0	0	0							
Kane	0	0		0	0	0	0	0	0	0	0	0	0							
Washington	93	0		20	5	15	34	26	11	2	0	0	0							
Summit	43	0		9	4	5	19	7	4	3	1	0	0							
Tooele	103	1		20	10	10	31	22	21	6	2	0	0							
Uintah Basin	23	0		7	3	4	5	7	1	2	1	0	0							
Daggett	0	0		0	0	0	0	0	0	0	0	0	0							
Duchesne	5	0		2	0	2	2	0	0	0	1	0	0							
Uintah	18	0		5	3	2	3	7	1	2	0	0	0							
Utah County	576	3		59	23	36	194	193	85	33	9	0	0							
Wasatch	13	0		2	0	2	6	5	0	0	0	0	0							
Weber-Morgan	597	5		138	52	86	209	147	67	24	7	0	0							
Morgan	1	0		0	0	0	1	0	0	0	0	0	0							
Weber	596	5		138	52	86	208	147	67	24	7	0	0							

**Table A-25. Births to mothers of Spanish origin by race and age of mother and number of prenatal visits, residents: Utah, 1997**

Mother's race and age	Total	Number of prenatal visits							28 and over	Not stated
		None	1-5	6-9	10-14	15-18	19-27			
Total	4,291	42	742	1,512	1,769	129	20	1	76	
Under 15	25	1	3	8	11	0	1	0	1	
Total 15 to 19	784	8	144	277	308	25	5	0	17	
15-17	310	3	58	118	112	10	2	0	7	
18-19	489	6	90	165	199	15	3	0	11	
20-24	1,470	16	268	500	612	45	9	0	20	
25-29	1,144	7	200	420	453	33	4	0	27	
30-34	589	5	87	210	266	13	1	0	7	
35-39	209	2	25	75	93	12	0	0	2	
40-44	54	2	11	15	23	1	0	1	1	
45 and over	1	0	0	1	0	0	0	0	0	
Not stated	0	0	0	0	0	0	0	0	0	
White	4,137	41	723	1,448	1,705	125	20	1	74	
Under 15	24	1	3	7	11	0	1	0	1	
Total 15 to 19	759	8	142	265	299	23	5	0	17	
15-17	294	2	56	111	108	9	2	0	6	
18-19	465	6	86	154	191	14	3	0	11	
20-24	1,440	16	265	492	594	44	9	0	20	
25-29	1,103	7	197	400	436	33	4	0	26	
30-34	559	5	82	199	253	12	1	0	7	
35-39	198	2	23	70	89	12	0	0	2	
40-44	53	2	11	14	23	1	0	1	1	
45 and over	1	0	0	1	0	0	0	0	0	
Not stated	0	0	0	0	0	0	0	0	0	
Black	17	0	1	6	10	0	0	0	0	
Under 15	0	0	0	0	0	0	0	0	0	
Total 15 to 19	7	0	1	4	2	0	0	0	0	
15-17	3	0	1	1	1	0	0	0	0	
18-19	4	0	0	3	1	0	0	0	0	
20-24	2	0	0	0	2	0	0	0	0	
25-29	6	0	0	2	4	0	0	0	0	
30-34	2	0	0	0	2	0	0	0	0	
35-39	0	0	0	0	0	0	0	0	0	
40-44	0	0	0	0	0	0	0	0	0	
45 and over	0	0	0	0	0	0	0	0	0	
Not stated	0	0	0	0	0	0	0	0	0	
Native American	31	0	6	12	12	1	0	0	0	
Under 15	0	0	0	0	0	0	0	0	0	
Total 15 to 19	11	0	0	4	6	1	0	0	0	
15-17	6	0	0	3	2	1	0	0	0	
18-19	5	0	0	1	4	0	0	0	0	
20-24	8	0	1	5	2	0	0	0	0	
25-29	6	0	2	2	2	0	0	0	0	
30-34	3	0	1	1	1	0	0	0	0	
35-39	3	0	2	0	1	0	0	0	0	
40-44	0	0	0	0	0	0	0	0	0	
45 and over	0	0	0	0	0	0	0	0	0	
Not stated	0	0	0	0	0	0	0	0	0	

**Table A-25 continued. Births to mothers of Spanish origin by race and age of mother and number of prenatal visits, residents: Utah, 1997**

Mother's race and age	Total	Number of prenatal visits							Not stated
		None	1-5	6-9	10-14	15-18	19-27	28 and over	
<b>Asian and Pacific</b>									
Islander	15	0	1	6	6	1	0	0	1
Under 15	0	0	0	0	0	0	0	0	0
Total 15 to 19	5	0	1	3	0	1	0	0	0
15-17	1	0	1	0	0	0	0	0	0
18-19	4	0	0	3	0	1	0	0	0
20-24	3	0	0	0	3	0	0	0	0
25-29	2	0	0	0	1	0	0	0	1
30-34	3	0	0	2	1	0	0	0	0
35-39	2	0	0	1	1	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0
45 and over	0	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0
Other races	85	1	11	37	33	2	0	0	1
Under 15	0	0	0	0	0	0	0	0	0
Total 15 to 19	15	1	4	6	3	0	0	0	1
15-17	5	1	0	3	0	0	0	0	1
18-19	10	0	4	3	3	0	0	0	0
20-24	15	0	2	3	9	1	0	0	0
25-29	26	0	1	15	10	0	0	0	0
30-34	22	0	4	8	9	1	0	0	0
35-39	6	0	0	4	2	0	0	0	0
40-44	1	0	0	1	0	0	0	0	0
45 and over	0	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0
Not stated	6	0	0	3	3	0	0	0	0
Under 15	1	0	0	1	0	0	0	0	0
Total 15 to 19	2	0	0	1	1	0	0	0	0
15-17	1	0	0	0	1	0	0	0	0
18-19	1	0	0	1	0	0	0	0	0
20-24	2	0	0	0	2	0	0	0	0
25-29	1	0	0	1	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0
45 and over	0	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0

**Table A26. Births to mothers of Spanish origin by race, age of mother and month prenatal care began, residents: Utah, 1997**

Mother's race and age	Total	Month prenatal care began										Not stated
		None	1	2	3	4	5	6	7	8	9	
Total	4,291	44	250	1,436	1,004	557	344	229	205	117	35	70
Under 15	25	1	1	3	7	3	5	2	1	1	0	1
Total 15 to 19	784	9	42	223	193	119	74	47	43	16	2	16
15-17	310	3	14	84	76	47	27	18	24	9	1	7
18-19	489	7	29	143	119	74	49	29	20	8	1	10
20-24	1,470	17	93	470	359	186	109	85	72	47	15	17
25-29	1,144	7	63	403	259	137	94	58	54	37	7	25
30-34	589	5	30	238	125	77	37	26	26	10	8	7
35-39	209	2	19	79	46	22	19	7	7	5	1	2
40-44	54	2	1	15	13	11	4	4	1	0	2	1
45 and over	1	0	0	1	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0	0	0	0
White	4,137	43	234	1,382	970	539	333	226	200	110	32	68
Under 15	24	1	1	3	7	3	4	2	1	1	0	1
Total 15 to 19	759	9	39	215	185	116	73	45	43	16	2	16
15-17	294	2	14	78	75	42	27	16	24	9	1	6
18-19	465	7	25	137	110	74	46	29	19	7	1	10
20-24	1,440	17	86	462	353	182	106	85	71	46	15	17
25-29	1,103	7	61	386	248	132	94	58	53	34	6	24
30-34	559	5	27	226	122	74	34	25	24	8	7	7
35-39	198	2	19	74	43	21	18	7	7	5	0	2
40-44	53	2	1	15	12	11	4	4	1	0	2	1
45 and over	1	0	0	1	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0	0	0	0
Black	17	0	2	6	6	1	1	1	0	0	0	0
Under 15	0	0	0	0	0	0	0	0	0	0	0	0
Total 15 to 19	7	0	1	1	2	1	1	1	0	0	0	0
15-17	3	0	0	1	0	1	0	1	0	0	0	0
18-19	4	0	1	0	2	0	1	0	0	0	0	0
20-24	2	0	0	0	2	0	0	0	0	0	0	0
25-29	6	0	1	3	2	0	0	0	0	0	0	0
30-34	2	0	0	2	0	0	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45 and over	0	0	0	0	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0	0	0	0
Native American	31	0	1	11	6	7	1	1	0	1	3	0
Under 15	0	0	0	0	0	0	0	0	0	0	0	0
Total 15 to 19	11	0	0	5	3	2	0	1	0	0	0	0
15-17	6	0	0	3	0	2	0	1	0	0	0	0
18-19	5	0	0	2	3	0	0	0	0	0	0	0
20-24	8	0	1	1	2	3	1	0	0	0	0	0
25-29	6	0	0	4	0	0	0	0	0	0	1	1
30-34	3	0	0	0	1	1	0	0	0	0	1	0
35-39	3	0	0	1	0	1	0	0	0	0	1	0
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45 and over	0	0	0	0	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0	0	0	0

**Table A26 continued. Births to mothers of Spanish origin by race, age of mother and month prenatal care began, residents: Utah, 1997**

Mother's race and age	Total	None	Month prenatal care began									Not stated
			1	2	3	4	5	6	7	8	9	
Asian and Pacific Islander	15	0	1	7	4	0	1	1	0	0	0	1
Under 15	0	0	0	0	0	0	0	0	0	0	0	0
Total 15 to 19	5	0	1	2	2	0	0	0	0	0	0	0
15-17	1	0	0	1	0	0	0	0	0	0	0	0
18-19	4	0	1	1	2	0	0	0	0	0	0	0
20-24	3	0	0	2	0	0	1	0	0	0	0	0
25-29	2	0	0	1	0	0	0	0	0	0	0	1
30-34	3	0	0	2	0	0	0	1	0	0	0	0
35-39	2	0	0	0	2	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45 and over	0	0	0	0	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0	0	0	0
Other races	85	1	11	28	16	10	7	0	5	6	0	1
Under 15	0	0	0	0	0	0	0	0	0	0	0	0
Total 15 to 19	15	1	1	4	2	2	2	0	1	1	0	1
15-17	5	1	0	1	0	2	0	0	0	0	0	1
18-19	10	0	1	3	2	0	2	0	1	1	0	0
20-24	15	0	6	3	2	1	1	0	1	1	0	0
25-29	26	0	1	9	8	5	0	0	1	2	0	0
30-34	22	0	3	8	2	2	3	0	2	2	0	0
35-39	6	0	0	4	1	0	1	0	0	0	0	0
40-44	1	0	0	0	1	0	0	0	0	0	0	0
45 and over	0	0	0	0	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0	0	0	0
Not stated	6	0	1	2	2	0	1	0	0	0	0	0
Under 15	1	0	0	0	0	0	1	0	0	0	0	0
Total 15 to 19	2	0	1	0	1	0	0	0	0	0	0	0
15-17	1	0	0	0	1	0	0	0	0	0	0	0
18-19	1	0	1	0	0	0	0	0	0	0	0	0
20-24	2	0	0	2	0	0	0	0	0	0	0	0
25-29	1	0	0	0	1	0	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45 and over	0	0	0	0	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0	0	0	0

**Table A27. Births to mothers of Spanish origin by marital status of mother, race and age of mother, residents: Utah, 1997**

Marital status and race of mother	Total	Age of mother										Not stated
		Under 15	15 to 19			20-24	25-29	30-34	35-39	40-44	45 and over	
Total	4,291	25	799	310	489	1,470	1,144	589	209	54	1	0
White	4,137	24	759	294	465	1,440	1,103	559	198	53	1	0
Black	17	0	7	3	4	2	6	2	0	0	0	0
Native American	31	0	11	6	5	8	6	3	3	0	0	0
Asian and Pacific Islander	15	0	5	1	4	3	2	3	2	0	0	0
Other race	85	0	15	5	10	15	26	22	6	1	0	0
Not stated	6	1	2	1	1	2	1	0	0	0	0	0
Mother married	2,733	1	247	64	183	915	892	464	171	42	1	0
White	2,642	1	239	62	177	895	861	440	164	41	1	0
Black	7	0	0	0	0	0	5	2	0	0	0	0
Native American	11	0	1	1	0	4	4	1	1	0	0	0
Asian and Pacific Islander	11	0	3	1	2	2	2	2	2	0	0	0
Other race	60	0	4	0	4	13	19	19	4	1	0	0
Not stated	2	0	0	0	0	1	1	0	0	0	0	0
Mother unmarried	1,558	24	552	246	306	555	252	125	38	12	0	0
White	1,495	23	520	232	288	545	242	119	34	12	0	0
Black	10	0	7	3	4	2	1	0	0	0	0	0
Native American	20	0	10	5	5	4	2	2	2	0	0	0
Asian and Pacific Islander	4	0	2	0	2	1	0	1	0	0	0	0
Other race	25	0	11	5	6	2	7	3	2	0	0	0
Not stated	4	1	2	1	1	1	0	0	0	0	0	0

**Table A28 continued. Births and deaths by community of occurrence and residence: Utah, 1997**

County and city	Birth occurrence	Birth residence	Death occurrence	Death residence
State	43,871	43,009	11,976	11,545
Bear River	2,795	2,804	649	683
Box Elder	580	721	252	272
Bear River	1	20	1	4
Brigham City	515	302	152	130
Corinne	0	17	5	7
Deweyville	0	5	2	5
Elwood	0	3	0	0
Fielding	0	7	0	0
Garland	0	51	1	16
Honeyville	0	13	3	4
Mantua	0	11	4	4
Perry	1	28	6	13
Plymouth	0	0	1	1
Snowville	0	4	0	0
Tremonton	62	119	55	40
Willard	0	29	5	10
Box Elder balance	1	112	17	38
Cache	2,215	2,054	386	394
Amalga	0	3	0	0
Clarkston	0	10	0	3
Hyde Park	0	54	2	8
Hyrum	1	137	6	18
Lewiston	1	35	3	12
Logan	2,207	1,143	324	222
Mendon	1	26	2	6
Millville	0	28	3	4
Newton	0	19	2	2
Nibley	0	34	1	4
North Logan	3	140	9	12
Paradise	1	20	2	3
Providence	0	53	5	18
Richmond	0	41	6	11
River Heights	0	20	6	9
Smithfield	1	136	5	22
Trenton	0	12	1	4
Wellsville	0	61	1	20
Cache balance	0	82	8	16
Rich	0	29	11	17
Laketown	0	3	2	4
Randolph	0	10	0	1
Woodruff	0	3	0	2
Rich balance	0	13	9	10
Central Utah	854	1,153	397	495
Juab	103	168	71	59
Eureka	0	14	6	10
Levan	0	17	4	5
Mona	2	19	4	9
Nephi	95	95	53	33
Juab balance	6	23	4	2

**Table A28 continued. Births and deaths by community of occurrence and residence: Utah, 1997**

County and city	Birth occurrence	Birth residence	Death occurrence	Death residence
Millard	162	209	79	99
Delta	100	63	32	26
Fillmore	58	43	23	25
Hinckley	1	12	0	5
Holden	0	6	3	7
Kanosh	0	7	0	3
Leamington	0	0	0	1
Meadow	0	1	1	6
Oak City	2	16	1	1
Scipio	0	2	1	2
Millard balance	1	59	18	23
Piute	0	20	7	17
Circleville	0	11	1	8
Marysvale	0	2	1	2
Piute balance	0	7	5	7
Sanpete	331	410	115	158
Centerfield	0	17	1	3
Ephraim	1	76	9	25
Fairview	0	20	6	18
Fountain Green	0	23	1	3
Gunnison	180	31	25	9
Manti	4	64	7	22
Mayfield	0	5	15	6
Moroni	0	22	1	9
Mount Pleasant	137	58	34	27
Spring City	5	23	4	9
Sanpete balance	4	71	12	27
Sevier	258	306	114	141
Annabella	0	9	3	5
Aurora	1	18	1	5
Elsinore	0	10	1	5
Glenwood	0	2	0	1
Koosharem	0	5	0	3
Monroe	1	31	3	13
Redmond	0	15	0	5
Richfield	256	127	93	66
Salina	0	40	7	17
Sigurd	0	6	1	5
Sevier balance	0	43	5	16
Wayne	0	40	11	21
Bicknell	0	4	0	2
Loa	0	16	2	3
Wayne balance	0	20	9	16
Davis	2,633	4,515	807	912
Bountiful	749	787	378	273
Centerville	0	236	26	61
Clearfield	1	534	73	82
Clinton	0	211	8	25
Farmington	0	181	15	30
Fruit Heights	0	41	7	15
Kaysville	4	395	32	80
Layton	1,874	1,217	194	181
North Salt Lake	1	155	13	35

**Table A28 continued. Births and deaths by community of occurrence and residence: Utah, 1997**

County and city	Birth occurrence	Birth residence	Death occurrence	Death residence
Davis continued				
Val Verde	0	0	4	4
West Bountiful	0	57	7	15
West Point	1	111	9	16
Woods Cross	1	105	7	18
Davis balance	1	171	7	13
Salt Lake	19,570	16,711	5,397	4,802
Alta	1	1	3	0
Bennion	0	26	1	1
Bluff Dale	11	68	3	8
Canyon Rim	0	0	21	20
Cottonwood	12	5	33	31
Cottonwood West	6	1	55	50
Draper	3	354	68	54
East Midvale-Union	3	1	41	39
East Millcreek	1	1	205	70
Emigration Canyon	2	0	0	0
Granite	3	3	4	1
Granite Park	2,741	3	727	137
Herriman	10	46	2	4
Holladay	0	111	124	66
Imperial	0	0	10	10
Kearns	8	593	52	82
Little Cottonwood Creek	2	1	11	11
Magna	3	476	41	106
Midvale	1	704	40	124
Mount Olympus	1	0	16	13
Murray	3,269	741	297	210
Riverton	12	478	20	50
Salt Lake City	9,160	5,917	2,307	1,845
Sandy	1,844	1,712	418	345
South Jordan	5	354	27	65
South Salt Lake	407	29	121	58
Taylorsville	6	533	1	83
Taylorsville-Bennion	7	0	129	76
West Jordan	1,352	1,609	184	166
West Valley City	697	2,090	328	407
White City	0	0	11	9
Salt Lake Co balance	3	854	97	661
Southeastern	665	900	384	404
Carbon	410	325	215	205
East Carbon	0	17	8	14
Helper	0	34	4	21
Price	409	156	173	113
Sunnyside	0	3	2	7
Wellington	1	34	3	5
Carbon balance	0	81	25	45
Emery	4	195	53	80
Castle Dale	1	28	9	15
Cleveland	0	11	0	3
Elmo	0	0	2	2
Emery	0	3	3	5

**Table A28 continued. Births and deaths by community of occurrence and residence: Utah, 1997**

County and city	Birth occurrence	Birth residence	Death occurrence	Death residence
Grand	97	128	56	62
Moab	94	89	37	42
Grand balance	3	39	19	20
San Juan	154	252	60	57
Blanding	154	56	30	14
Monticello	0	27	8	8
Monument Valley	0	2	0	0
San Juan balance	0	167	22	35
Southwest	2,890	2,586	929	877
Beaver	106	114	64	63
Beaver City	95	50	37	33
Milford	10	31	19	20
Minersville	0	19	0	7
Beaver balance	1	14	8	3
Garfield	56	73	37	32
Escalante	0	0	5	11
Panguitch	54	31	23	9
Tropic	0	0	1	4
Garfield balance	2	42	8	8
Iron	611	679	147	168
Cedar City	604	456	100	108
Enoch	0	5	2	5
Paragonah	1	5	4	6
Parowan	1	39	12	19
Iron balance	5	174	29	30
Kane	41	101	38	42
Big Water	3	3	1	1
Kanab	36	55	28	27
Orderville	1	13	0	2
Kane balance	1	30	9	12
Washington	2,076	1,619	643	572
Bloomington	0	0	1	0
Colorado City	220	112	2	2
Enterprise	1	25	4	9
Hurricane	5	151	48	64
Ivins	4	74	9	20
Laverkin	4	52	13	19
Leeds	0	5	5	6
Saint George	1,828	862	495	347
Santa Clara	3	82	9	18
Springdale	0	10	2	4
Toquerville	1	10	4	9
Washington City	4	139	24	42
Washington balance	6	96	27	32
Not stated	0	1	0	0
Summit	3	402	36	59
Coalville	0	31	3	11
Francis	0	9	0	1
Henefer	0	15	0	4
Kamas	0	32	2	7

**Table A28 continued. Births and deaths by community of occurrence and residence: Utah, 1997**

County and city	Birth occurrence	Birth residence	Death occurrence	Death residence
Tooele	94	671	154	199
Dugway	0	14	1	1
Erda	0	9	0	3
Grantsville	1	117	9	30
Rush Valley	0	4	1	3
Stansbury Park	0	36	2	6
Stockton	1	1	3	5
Tooele City	91	324	111	130
Wendover	0	83	4	7
Tooele balance	1	83	23	14
Uintah Basin	644	664	241	270
Daggett	0	4	3	6
Manila	0	1	2	4
Daggett balance	0	3	1	2
Duchesne	367	248	120	100
Duchesne City	0	21	4	10
Myton	0	12	2	5
Roosevelt	367	106	76	25
Duchesne balance	0	109	38	60
Uintah	277	412	118	164
Ballard	0	2	2	3
Fort Duchesne	0	12	1	3
Maeser	0	1	0	0
Naples	0	0	1	3
Vernal	276	201	84	86
Uintah balance	1	196	30	69
Utah	8,892	8,709	1,512	1,422
Alpine	2	93	11	20
American Fork	2,306	531	166	100
Cedar Fort	1	6	0	0
Cedar Hills	1	42	1	4
Elk Ridge	0	33	1	2
Genola	1	16	2	2
Goshen	0	18	1	8
Highland	4	124	5	22
Lehi	11	479	35	59
Lindon	0	159	4	17
Mapleton	1	74	10	19
Orem	1,190	2,132	233	375
Payson	1,196	317	132	66
Pleasant Grove	14	547	57	89
Provo	4,139	2,760	718	372
Salem	1	68	5	23
Santaquin	2	86	10	14
Spanish Fork	4	510	43	76
Springville	11	502	54	102
Woodland Hills	0	16	0	0
Utah Co Balance	8	196	24	52
Wasatch	142	241	77	80

**Table A28 continued. Births and deaths by community of occurrence and residence: Utah, 1997**

County and city	Birth occurrence	Birth residence	Death occurrence	Death residence
Weber-Morgan	4,689	3,653	1,393	1,342
Morgan	0	95	20	34
Morgan City	0	60	7	17
Morgan balance	0	35	13	17
Weber	4,689	3,558	1,373	1,308
Harrisville	1	47	4	11
Hooper	0	57	11	23
Huntsville	0	16	5	9
North Ogden	1	178	20	51
Ogden	2,851	2,113	726	764
Plain City	0	46	7	15
Pleasant View	0	53	8	23
Riverdale	0	121	7	28
Roy	1	599	88	145
South Ogden	1	125	122	85
Uintah	0	13	3	7
Washington Terrace	1,833	54	331	76
West Haven	0	29	6	12
Weber balance	1	107	35	59

**Table A29. Births, births under 1500 grams and births under 2500 grams, fetal deaths and selected causes of infant death by institution, county of occurrence: Utah, 1997**

County, institution, occurrence	Total birth	Under 1500 grams	Under 2500 grams	Fetal death	Infant deaths	Nervous system 320-359	Respir- atory system 460-519	Congen- ital anom- alies 740-759	Respir- atory distress syndrome 769	Peri- natal condi- tions 760-779	Sudden death 7980	All other causes
Total	43,871	487	2,950	223	273	4	5	87	3	92	26	56
Bear River	2,795	6	110	16	2	0	0	0	0	1	1	0
Box Elder	580	2	20	5	0	0	0	0	0	0	0	0
Brigham City Comm.	511	2	20	4	0	0	0	0	0	0	0	0
Bear River Valley	61	0	0	1	0	0	0	0	0	0	0	0
Home	8	0	0	0	0	0	0	0	0	0	0	0
Cache	2,215	4	90	11	2	0	0	0	0	1	1	0
Logan Regional Hospital	2,194	4	90	11	2	0	0	0	0	1	1	0
Home	21	0	0	0	0	0	0	0	0	0	0	0
Rich	0	0	0	0	0	0	0	0	0	0	0	0
Central Utah	854	1	50	7	4	0	0	1	0	0	2	1
Juab	103	0	13	0	0	0	0	0	0	0	0	0
Central Valley Med. Cen.	94	0	12	0	0	0	0	0	0	0	0	0
Home	8	0	1	0	0	0	0	0	0	0	0	0
Enroute	1	0	0	0	0	0	0	0	0	0	0	0
Millard	162	0	9	3	2	0	0	1	0	0	0	1
Fillmore Comm. Med. Cen.	56	0	4	1	1	0	0	0	0	0	0	1
Delta Comm. Med. Cen.	100	0	5	2	0	0	0	0	0	0	0	0
Home	6	0	0	0	1	0	0	1	0	0	0	0
Piute	0	0	0	0	0	0	0	0	0	0	0	0
Sanpete	331	1	16	2	1	0	0	0	0	0	1	0
Gunnison Valley	180	0	7	1	0	0	0	0	0	0	0	0
Sanpete Valley	136	0	8	1	1	0	0	0	0	0	1	0
Home	15	1	1	0	0	0	0	0	0	0	0	0
Sevier	258	0	12	2	1	0	0	0	0	0	1	0
Sevier Valley	251	0	12	1	1	0	0	0	0	0	1	0
Home	2	0	0	1	0	0	0	0	0	0	0	0
Other locations	5	0	0	0	0	0	0	0	0	0	0	0
Wayne	0	0	0	0	0	0	0	0	0	0	0	0
Davis	2,633	24	210	11	13	0	0	5	0	4	0	4
Lakeview Hospital	740	4	51	5	1	0	0	1	0	0	0	0
Davis Hospital Med. Cen.	1,862	20	159	6	8	0	0	2	0	3	0	3
South Davis Community Care	0	0	0	0	2	0	0	0	0	1	0	1
Home	31	0	0	0	2	0	0	2	0	0	0	0
Salt Lake	19,570	278	1,487	102	158	2	3	53	2	56	14	28
Jordan Valley	1,325	2	70	7	4	0	0	0	0	2	2	0
Alta View Hospital	1,817	1	76	9	3	0	0	1	0	1	0	1
Cottonwood Hospital	3,255	8	116	12	8	0	0	3	0	4	1	0
Holy Cross	1,770	1	78	6	0	0	0	0	0	0	0	0
LDS	4,327	78	395	19	12	0	0	5	0	7	0	0
HCA Saint Marks	2,732	9	127	10	2	0	0	1	0	0	0	1
University of Utah Hospital	2,901	173	543	34	56	0	0	19	1	30	0	6
Pioneer Valley	672	4	51	2	6	0	0	0	0	0	5	1
Primary Children's	0	0	0	0	58	2	3	22	1	12	3	15
FHP Hospital	400	1	22	0	0	0	0	0	0	0	0	0
University Birth Center	109	0	3	0	0	0	0	0	0	0	0	0
Utah Women's Health Center	0	0	0	1	0	0	0	0	0	0	0	0
Home	259	1	6	1	8	0	0	2	0	0	2	4
Enroute	1	0	0	0	0	0	0	0	0	0	0	0
Other locations	2	0	0	1	1	0	0	0	0	0	1	0

**Table A29 continued. Births, births under 1500 grams and births under 2500 grams, fetal deaths and selected causes of infant death by institution, county of occurrence: Utah, 1997**

County, institution, occurrence	Total birth	Under 1500 grams	Under 2500 grams	Fetal death	Infant deaths	Nervous system 320-359	Respir- atory system 460-519	Congen- ital anom- alies 740-759	Respir- atory distress syndrome 769	Peri- natal condi- tions 760-779	Sudden death 7980	All other causes
Southeastern	665	0	38	5	2	0	0	0	0	0	2	0
Carbon	410	0	32	3	1	0	0	0	0	0	1	0
Castle View Home	408	0	32	3	1	0	0	0	0	0	1	0
2	0	0	0	0	0	0	0	0	0	0	0	0
Emery	4	0	0	0	1	0	0	0	0	0	1	0
Home	4	0	0	0	1	0	0	0	0	0	1	0
Grand	97	0	4	1	0	0	0	0	0	0	0	0
Allen Memorial Home	92	0	4	1	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
San Juan	154	0	2	1	0	0	0	0	0	0	0	0
San Juan County	49	0	1	0	0	0	0	0	0	0	0	0
San Juan, Blanding Emergenc	105	0	1	0	0	0	0	0	0	0	0	0
Southwest	2,890	11	122	14	13	0	0	6	1	2	0	4
Beaver	106	0	3	0	0	0	0	0	0	0	0	0
Beaver Valley	95	0	2	0	0	0	0	0	0	0	0	0
Milford Valley Memorial Home	10	0	1	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0
Garfield	56	1	1	1	0	0	0	0	0	0	0	0
Garfield Memorial Home	54	1	1	1	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0
Other locations	1	0	0	0	0	0	0	0	0	0	0	0
Iron	611	3	25	2	1	0	0	1	0	0	0	0
Valley View Med. Cen. Clinics	580	3	25	2	1	0	0	1	0	0	0	0
Home	1	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0
Kane	41	0	0	1	0	0	0	0	0	0	0	0
Kane County	36	0	0	1	0	0	0	0	0	0	0	0
Home	5	0	0	0	0	0	0	0	0	0	0	0
Washington	2,076	7	93	10	12	0	0	5	1	2	0	4
Dixie Reg. Med. Cen.	1,775	7	92	10	9	0	0	3	0	2	0	4
Hildale Maternity Clinic	218	0	0	0	0	0	0	0	0	0	0	0
Home	83	0	1	0	2	0	0	2	0	0	0	0
Summit	3	0	0	0	1	0	0	1	0	0	0	0
Home	3	0	0	0	0	0	0	0	0	0	0	0
Tooele	94	1	7	1	1	0	0	0	0	0	0	1
Grantsville Urgent Care	1	0	0	0	0	0	0	0	0	0	0	0
Tooele Valley Med. Cen. Home	90	1	7	1	0	0	0	0	0	0	0	0
3	0	0	0	0	1	0	0	0	0	0	0	1
Uintah Basin	644	1	31	3	1	0	0	0	0	0	1	0
Daggett	0	0	0	0	0	0	0	0	0	0	0	0
Duchesne	367	1	15	2	0	0	0	0	0	0	0	0
Duchesne County	367	1	15	2	0	0	0	0	0	0	0	0

**Table A29 continued. Births, births under 1500 grams and births under 2500 grams, fetal deaths and selected causes of infant death by institution, county of occurrence: Utah, 1997**

County, institution, occurrence	Total birth	Under 1500 grams	Under 2500 grams	Fetal death	Infant deaths	Nervous system 320-359	Respir- atory system 460-519	Congen- ital anom- alies 740-759	Respir- atory distress syndrome 769	Peri- natal condi- tions 760-779	Sudden death 7980	All other causes
Uintah	277	0	16	1	1	0	0	0	0	0	1	0
Ashley Valley Med. Cen.	276	0	16	1	1	0	0	0	0	0	1	0
Home	1	0	0	0	0	0	0	0	0	0	0	0
Utah	8,892	95	526	45	53	2	1	16	0	18	2	14
Orem Comm.	1,157	3	35	6	0	0	0	0	0	0	0	0
American Fork	2,301	10	77	7	10	1	0	1	0	6	0	2
Mountain View	1,185	4	61	9	2	0	0	0	0	1	0	1
Utah Valley Reg. Med. Cen.	4,114	78	350	22	38	1	1	14	0	11	2	9
Home	135	0	3	1	3	0	0	1	0	0	0	2
Wasatch	142	1	8	2	0	0	0	0	0	0	0	0
Wasatch County	138	1	8	2	0	0	0	0	0	0	0	0
Home	4	0	0	0	0	0	0	0	0	0	0	0
Weber-Morgan	4,689	69	361	17	25	0	1	5	0	11	4	4
Morgan	0	0	0	0	0	0	0	0	0	0	0	0
Weber	4,689	69	361	17	25	0	1	5	0	11	4	4
Mckay Dee Hospital	2,840	46	233	10	13	0	0	3	0	8	2	0
Ogden Regional Med. Cen.	1,833	23	128	7	9	0	1	1	0	3	2	2
Home	16	0	0	0	3	0	0	1	0	0	0	2

Table A30. Fetal deaths by health district, county of residence and age of mother: Utah, 1997

District and county	Total	Age of woman										
		Under 15	15 to 19			20-24	25-29	30-34	35-39	40-44	45 and over	Not stated
Total	211	1	14	6	8	63	50	42	30	9	2	0
Bear River	19	0	1	0	1	9	4	0	2	3	0	0
Box Elder	6	0	1	0	1	2	2	0	0	1	0	0
Cache	13	0	0	0	0	7	2	0	2	2	0	0
Rich	0	0	0	0	0	0	0	0	0	0	0	0
Central Utah	12	0	1	0	1	3	5	1	1	1	0	0
Juab	1	0	0	0	0	0	1	0	0	0	0	0
Millard	5	0	0	0	0	2	2	1	0	0	0	0
Piute	0	0	0	0	0	0	0	0	0	0	0	0
Sanpete	2	0	1	0	1	0	0	0	0	1	0	0
Sevier	4	0	0	0	0	1	2	0	1	0	0	0
Wayne	0	0	0	0	0	0	0	0	0	0	0	0
Davis	16	0	0	0	0	2	3	5	5	1	0	0
Salt Lake	76	1	5	3	2	18	20	16	11	4	1	0
Southeastern	7	0	1	0	1	2	2	1	1	0	0	0
Carbon	3	0	0	0	0	1	1	0	1	0	0	0
Emery	1	0	0	0	0	1	0	0	0	0	0	0
Grand	1	0	1	0	1	0	0	0	0	0	0	0
San Juan	2	0	0	0	0	0	1	1	0	0	0	0
Southwest	10	0	1	0	1	3	2	3	1	0	0	0
Beaver	0	0	0	0	0	0	0	0	0	0	0	0
Garfield	1	0	0	0	0	0	0	1	0	0	0	0
Iron	2	0	0	0	0	2	0	0	0	0	0	0
Kane	0	0	0	0	0	0	0	0	0	0	0	0
Washington	7	0	1	0	1	1	2	2	1	0	0	0
Summit	6	0	0	0	0	3	0	1	2	0	0	0
Tooele	2	0	0	0	0	2	0	0	0	0	0	0
Uintah Basin	3	0	0	0	0	2	0	1	0	0	0	0
Daggett	0	0	0	0	0	0	0	0	0	0	0	0
Duchesne	1	0	0	0	0	1	0	0	0	0	0	0
Uintah	2	0	0	0	0	1	0	1	0	0	0	0
Utah County	42	0	2	1	1	13	10	11	5	0	1	0
Wasatch	1	0	0	0	0	0	0	0	1	0	0	0
Weber-Morgan	17	0	3	2	1	6	4	3	1	0	0	0
Morgan	1	0	0	0	0	0	1	0	0	0	0	0
Weber	16	0	3	2	1	6	3	3	1	0	0	0

**Table A31. Fetal deaths by selected cause and gender, residents: Utah, 1997**

Cause of death	ICD code	Gender			Indeter-minable
		Total	Male	Female	
Total		211	104	103	4
Other severe protein-calorie malnutrition	262 262.6	1 1	1 1	0 0	0 0
Congenital anomalies	740-759	30	14	16	0
Anencephalus and similar anomalies	740 740.0	3 3	1 1	2 2	0 0
Anencephalus					
Other congenital anomalies of nervous system	742 742.3	1 1	1 1	0 0	0 0
Congenital hydrocephalus					
Other congenital anomalies of heart	746 746.8 746.9	2 1 1	2 1 1	0 0 0	0 0 0
Other specified anomalies of heart					
Unspecified anomalies of heart					
Other congenital anomalies of circulatory system	747 747.4	1 1	0 0	1 1	0 0
Anomalies of great veins					
Congenital anomalies of urinary system	753 753.6	1 1	1 1	0 0	0 0
Atresia and stenosis of urethra and bladder neck					
Other congenital anomalies of limbs	755 755.8	1 1	0 0	1 1	0 0
Other specified anomalies of unspecified limb					
Other congenital musculoskeletal anomalies	756 756.0 756.7	2 1 1	2 1 1	0 0 0	0 0 0
Anomalies of skull and face bones					
Anomalies of abdominal wall					
Chromosomal anomalies	758	10	3	7	0
Edward's syndrome	758.2	5	3	2	0
Other conditions due to autosomal anomalies	758.5	2	0	2	0
Gonadal dysgenesis	758.6	3	0	3	0
Other and unspecified congenital anomalies	759 759.7 759.9	9 7 2	4 3 1	5 4 1	0 0 0
Multiple congenital anomalies, so described	759.7	7	3	4	0
Congenital anomaly, unspecified	759.9	2	1	1	0
Certain conditions originating in the perinatal period	760-779	180	89	87	4
Fetus or newborn affected by maternal conditions which may be unrelated to present pregnancy	760	6	4	2	0
Maternal hypertensive disorders	760.0	2	2	0	0
Other chronic maternal circulatory and respiratory diseases	760.3	1	1	0	0
Maternal injury	760.5	2	1	1	0
Unspecified	760.9	1	0	1	0

**Table A31 continued. Fetal deaths by selected cause and gender, residents: Utah, 1997**

Cause of death	ICD code	Total	Gender		
			Male	Female	Indeterminate
Fetus or newborn affected by maternal complications of pregnancy	761	12	7	4	1
Incompetent cervix	761.0	1	1	0	0
Premature rupture of membranes	761.1	6	5	1	0
Oligohydramnios	761.2	1	1	0	0
Polyhydramnios	761.3	1	0	1	0
Multiple pregnancy	761.5	2	0	2	0
Other	761.8	1	0	0	1
Fetus or newborn affected by complications of placenta, cord and membranes	762	71	38	33	0
Other forms of placental separation and haemorrhage	762.1	12	6	6	0
Other and unspecified morphological and functional abnormalities of placenta	762.2	8	1	7	0
Placental transfusion syndromes	762.3	3	0	3	0
Other compression of umbilical cord	762.5	23	15	8	0
Other and unspecified conditions of umbilical cord	762.6	23	16	7	0
Chorioamnionitis	762.7	2	0	2	0
Disorders relating to short gestation and unspecified low birth weight	765	6	2	2	2
Extreme immaturity	765.0	6	2	2	2
Intrauterine hypoxia and birth asphyxia	768	30	12	18	0
Fetal death from asphyxia or anoxia during labour	768.0	27	10	17	0
Fetal deaths from asphyxia or anoxia during labour	768.1	3	2	1	0
Haemolytic disease of fetus or newborn, due to isoimmunization	773	3	0	3	0
Haemolytic disease due to other and unspecified isoimmunization	773.2	1	0	1	0
Hydrops fetalis due to isoimmunization	773.3	2	0	2	0
Endocrine and metabolic disturbances specific to the fetus and newborn	775	1	1	0	0
Syndrome of "infant of a diabetic mother"	775.0	1	1	0	0
Conditions involving the integument and temperature regulation of fetus and newborn	778	2	1	1	0
Hydrops fetalis not due to isoimmunization	778.0	2	1	1	0
Other and ill-defined conditions originating in the perinatal period	779	49	24	24	1
Termination of pregnancy (fetus)	779.6	1	0	0	1
Other	779.8	4	1	3	0
Unspecified	779.9	44	23	21	0

Table A32. Deaths to infants by race, age and county of residence: Utah, 1997

District and county	Total			White			Black			Native American			Asian and Pacific Islander			Not stated		
	Post		Neonatal	Post		Neonatal	Post		Neonatal	Post		Neonatal	Post		Neonatal	Post		Neonatal
	Total	Neonatal	neonatal	Total	Neonatal	neonatal	Total	Neonatal	neonatal	Total	Neonatal	neonatal	Total	Neonatal	neonatal	Total	Neonatal	neonatal
Total	249	153	96	234	145	89	1	0	1	3	0	3	9	6	3	2	2	0
Bear River	7	6	1	7	6	1	0	0	0	0	0	0	0	0	0	0	0	0
Box Elder	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cache	6	5	1	6	5	1	0	0	0	0	0	0	0	0	0	0	0	0
Rich	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Central Utah	5	4	1	5	4	1	0	0	0	0	0	0	0	0	0	0	0	0
Juab	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Millard	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Plute	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sanpete	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Sevier	3	2	1	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0
Wayne	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Davis	17	12	5	16	12	4	1	0	1	0	0	0	0	0	0	0	0	0
Salt Lake	102	63	39	94	57	37	0	0	0	0	0	0	6	4	2	2	2	0
Southeastern	9	4	5	6	4	2	0	0	0	3	0	3	0	0	0	0	0	0
Carbon	3	3	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0
Emery	2	0	2	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Grand	2	1	1	1	1	0	0	0	0	1	0	1	0	0	0	0	0	0
San Juan	2	0	2	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
Southwest	16	6	10	15	5	10	0	0	0	0	0	0	1	1	0	0	0	0
Beaver	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Garfield	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron	3	1	2	3	1	2	0	0	0	0	0	0	0	0	0	0	0	0
Kane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington	13	5	8	12	4	8	0	0	0	0	0	0	1	1	0	0	0	0
Summit	3	1	2	3	1	2	0	0	0	0	0	0	0	0	0	0	0	0
Tooele	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Uintah Basin	2	1	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Daggett	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duchesne	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Uintah	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Utah County	61	42	19	59	41	18	0	0	0	0	0	0	2	1	1	0	0	0
Wasatch	2	1	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Weber-Morgan	24	13	11	24	13	11	0	0	0	0	0	0	0	0	0	0	0	0
Morgan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weber	24	13	11	24	13	11	0	0	0	0	0	0	0	0	0	0	0	0

**Table A33. Deaths to infants by selected causes by gender, race and age, residents: Utah, 1997**

Cause of death (9th rev.)	ICD Code	Gender	Race			Age					
			Total	White	Non-white	28 days under		Total under		7-27 days	
						1 year	28 days	under	days	1-6 days	Under 1 day
All causes			T M F	249 144 105	236 139 97	13 5 8	96 53 43	153 91 62	31 16 15	17 10 7	105 65 40
Septicemia	038	M		1	1	0	1	0	0	0	0
Viral Diseases	045-079	M		1	1	0	1	0	0	0	0
Malignant neoplasms	140-208	F		2	2	0	2	0	0	0	0
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and unspecified nature	210-239	F		1	1	0	0	1	0	0	1
Meningitis	320-322	F		1	0	1	1	0	0	0	0
Other diseases of the nervous system and sense organs	323-389	F		4	4	0	4	0	0	0	0
Remainder of diseases of respiratory system	470-478,492-519	M F	2 3	2 3	0 0	2 0	0 3	0 2	0	0	0
Gastritis, duodenitis, and noninfective enteritis and colitis	535,555-558	M F	0 1	0 1	0 0	0 1	0 0	0 0	0	0	0
Remainder of diseases of digestive system	520-534 536-543,562-579	M F	2 1	2 1	0 0	2 1	0 0	0 0	0	0	0
Congenital anomalies	740-759	M F	42 34	42 31	0 3	5 8	37 26	8 7	2 1	27 18	
Anencephalus and similar anomalies	740	M F	1 3	1 3	0 0	0 0	1 3	0 1	0 0	1 2	
Congenital hydrocephalus	742.3	M	1	1	0	1	0	0	0	0	0
Other congenital anomalies of central nervous system and eye	742.0-742.2, 742.4-742.9,743	M F	4 2	4 2	0 0	0 2	4 0	0 0	0	0	4 0
Congenital anomalies of heart	745-746	M F	11 7	11 6	0 1	3 2	8 5	5 4	0 1	3 0	
Congenital anomalies of respiratory system	748	M F	8 6	8 5	0 1	1 1	7 5	0 0	0	0	7 5

Table A33 continued. Deaths to infants by selected causes by gender, race and age, residents: Utah, 1997

Cause of death (9th rev.)	ICD Code	Gender	Race			Age				
			Total	White	Non-white	28 days under 1 year	28 days	Total under 7-27 days	7-27 days	1-6 days
Congenital anomalies of genitourinary system	752-753	M F	5 2	5 2	0 0	0 0	5 2	0 0	1 0	4 2
Congenital anomalies of musculoskeletal system	754-756	M F	3 4	3 4	0 0	0 1	3 3	1 2	0 0	2 1
Other chromosomal anomalies	758.1-758.9	F	1	1	0	0	1	0	0	1
All other and unspecified congenital anomalies	744,757,759	M F	9 9	9 8	0 1	0 2	9 7	2 0	1 0	6 7
Certain conditions originating in the perinatal period	760-779	M F	54 29	52 27	2 2	4 1	50 28	5 4	8 5	37 19
Newborn affected by maternal conditions which may be unrelated to present pregnancy	760	M F	0 1	0 1	0 0	0 0	0 1	0 0	0 0	0 1
Newborn affected by maternal complications of pregnancy	761	M F	10 6	10 6	0 0	0 0	10 6	0 0	0 0	10 6
Newborn affected by complications of placenta, cord, and membranes	762	M F	6 4	6 4	0 0	0 0	6 4	0 0	0 1	6 3
Slow fetal growth and fetal malnutrition disorders relating to short gestation and unspecified	764	M F	0 1	0 1	0 0	0 0	0 1	0 1	0 0	0 0
Disorders relating to short gestation and unspecified low birthweight	765	M F	13 4	13 3	0 1	1 0	12 4	0 0	1 0	11 4
Birth trauma	767	M	1	1	0	0	1	0	1	0
Intrauterine hypoxia and birth asphyxia	768	M F	3 1	2 1	1 0	0 0	3 1	1 0	0 1	2 0
Fetal distress in liveborn infant	768.2-768.4	M F	1 1	1 1	0 0	0 0	1 1	1 0	0 1	0 0
Birth asphyxia	768.5-768.9	M	2	1	1	0	2	0	0	2
Respiratory distress syndrome	769	M F	1 1	1 1	0 0	0 0	1 1	1 0	0 0	0 1
Other respiratory conditions of newborn	770	M F	10 3	9 2	1 1	1 1	9 2	0 0	3 1	6 1

Table A33 continued. Deaths to infants by selected causes by gender, race and age, residents: Utah, 1997

Cause of death (9th rev.)	ICD Code	Gender	Race		Age				
			Total	Non-white	28 days under 1 year	28 days	Total under 7-27 days	1-6 days	Under 1 day
Infections specific to perinatal period	771	M F	2 3	2 3	0 0	0 0	2 3	1 1	1 0
Neonatal hemorrhage	772	M F	3 1	3 1	0 0	0 0	3 1	0 1	2 0
All other and ill-defined conditions originating in the perinatal period	775.2-775.9, 776.1-779	M F	5 4	5 4	0 0	2 0	3 4	2 1	0 2
Symptoms, signs, and ill-defined conditions	780-799	M F	24 18	23 17	1 1	23 17	1 1	1 1	0 0
Sudden infant death syndrome	798.0	M F	14 13	14 12	0 1	14 13	0 0	0 0	0 0
Symptoms, signs, and other ill-defined conditions	780-797, 798.1-799	M F	10 5	9 5	1 0	9 4	1 1	1 1	0 0
Accidents and adverse effects	E800-E949	M F	4 4	3 3	1 1	4 4	0 0	0 0	0 0
Accidental mechanical suffocation	E913	M F	4 2	3 2	1 0	4 2	0 0	0 0	0 0
Other accidental and adverse effects	E800-E910, E914-E949	M F	0 2	0 1	0 1	0 2	0 0	0 0	0 0
Homicide	E960-E969	M F	1 1	0 1	1 0	1 1	0 0	0 0	0 0
Child battering and other maltreatment	E967	M F	0 1	0 1	0 0	0 1	0 0	0 0	0 0
Other homicide	E960-E966, E968-E969	M	1	0	1	1	0	0	0
All other causes		M F	13 6	13 6	0 0	10 3	3 3	2 1	0 1

**Table A34. Deaths to infants under one year of age by mother's health district and county of residence: Utah, 1997**

District and county	Age						
	Infant mortality						
	Neonatal mortality						
	Total under 1 year	28 days under 1 year	7-27 days	1-6 days	1-24 hours	Under 1 hour	Fetal deaths
Total	249	96	31	17	54	51	211
Bear River	7	1	0	0	4	2	19
Box Elder	0	0	0	0	0	0	6
Cache	6	1	0	0	4	1	13
Rich	1	0	0	0	0	1	0
Central Utah	5	1	2	0	0	2	12
Juab	0	0	0	0	0	0	1
Millard	1	0	1	0	0	0	5
Piute	0	0	0	0	0	0	0
Sanpete	1	0	0	0	0	1	2
Sevier	3	1	1	0	0	1	4
Wayne	0	0	0	0	0	0	0
Davis	17	5	3	2	6	1	16
Salt Lake	102	39	12	8	26	17	76
Southeastern	9	5	1	1	1	1	7
Carbon	3	0	1	1	0	1	3
Emery	2	2	0	0	0	0	1
Grand	2	1	0	0	1	0	1
San Juan	2	2	0	0	0	0	2
Southwest	16	10	1	1	2	2	10
Beaver	0	0	0	0	0	0	0
Garfield	0	0	0	0	0	0	1
Iron	3	2	0	0	1	0	2
Kane	0	0	0	0	0	0	0
Washington	13	8	1	1	1	2	7
Summit	3	2	0	0	0	1	6
Tooele	1	1	0	0	0	0	2
Uintah Basin	2	1	0	0	0	1	3
Daggett	0	0	0	0	0	0	0
Duchesne	1	0	0	0	0	1	1
Uintah	1	1	0	0	0	0	2
Utah County	61	19	8	4	10	20	42
Wasatch	2	1	0	0	1	0	1
Weber-Morgan	24	11	4	1	4	4	17
Morgan	0	0	0	0	0	0	1
Weber	24	11	4	1	4	4	16

**Table A35. Deaths by health district, county of residence and month: Utah, 1997**

District and county	Total	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total	11,545	1,159	925	1,021	855	902	904	932	882	868	1,009	979	1,109
Bear River	683	65	55	55	60	52	63	40	60	51	55	57	70
Box Elder	272	22	22	25	27	21	27	16	18	23	21	23	27
Cache	394	41	30	30	32	30	35	24	39	28	32	33	40
Rich	17	2	3	0	1	1	1	0	3	0	2	1	3
Central Utah	495	53	46	40	37	42	39	35	41	28	46	40	48
Juab	59	7	4	6	6	2	3	6	4	4	5	5	7
Millard	99	10	10	9	10	12	6	9	7	8	5	6	7
Piute	17	3	0	2	3	1	1	1	1	2	1	2	0
Sanpete	158	16	14	11	10	10	15	8	16	8	22	13	15
Sevier	141	12	15	12	8	15	10	9	12	6	13	14	15
Wayne	21	5	3	0	0	2	4	2	1	0	0	0	4
Davis	912	85	83	75	69	67	85	73	64	67	86	80	78
Salt Lake	4,802	490	375	416	358	388	369	377	350	376	417	418	468
Southeastern	404	40	32	33	38	24	38	29	35	25	32	35	43
Carbon	205	17	13	15	19	16	21	15	19	18	15	13	24
Emery	80	12	8	11	8	3	4	3	8	1	7	8	7
Grand	62	5	6	3	6	3	7	3	6	1	5	11	6
San Juan	57	6	5	4	5	2	6	8	2	5	5	3	6
Southwest	877	87	76	87	66	72	50	77	74	59	76	69	84
Beaver	63	4	5	4	6	7	6	4	11	4	1	5	6
Garfield	32	4	3	2	2	1	1	2	2	3	4	2	6
Iron	168	17	15	12	10	14	6	17	17	15	13	15	17
Kane	42	3	2	7	5	2	2	3	3	4	4	1	6
Washington	572	59	51	62	43	48	35	51	41	33	54	46	49
Summit	59	7	3	6	3	6	5	7	3	7	5	2	5
Tooele	199	17	16	15	16	25	8	18	19	16	16	11	22
Uintah Basin	270	37	21	33	22	23	16	13	13	25	26	16	25
Daggett	6	0	1	1	0	0	0	0	0	1	0	2	1
Duchesne	100	18	10	10	7	9	8	5	6	7	11	0	9
Uintah	164	19	10	22	15	14	8	8	7	17	15	14	15
Utah County	1,422	122	114	113	95	93	125	149	109	110	116	139	137
Wasatch	80	11	10	9	4	4	5	10	4	8	4	2	9
Weber-Morgan	1,342	145	94	139	87	106	101	104	110	96	130	110	120
Morgan	34	4	5	2	3	3	1	4	2	2	1	2	5
Weber	1,308	141	89	137	84	103	100	100	108	94	129	108	115

Table A36. Deaths by health district, county of residence, race and gender: Utah, 1997

District and county	Race and gender																				
	Total			White			Black			Native American			Asian and Pacific Islander			Other non-white			Race not stated		
	Total	Male	Female	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
Total	11,545	5,879	5,666	11,221	5,696	5,525	72	44	28	89	47	42	139	74	65	7	5	2	17	13	4
Bear River	683	334	349	672	326	346	0	0	0	3	2	1	7	5	2	0	0	0	1	1	0
Box Elder	272	129	143	263	123	140	0	0	0	3	2	1	6	4	2	0	0	0	0	0	0
Cache	394	194	200	392	192	200	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0
Rich	17	11	6	17	11	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Central Utah	495	264	231	491	261	230	0	0	0	2	1	1	1	1	0	0	0	0	1	1	0
Juab	59	34	25	59	34	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Millard	99	51	48	97	49	48	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0
Piute	17	12	5	17	12	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sanpete	158	81	77	158	81	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sevier	141	76	65	139	75	64	0	0	0	1	0	1	1	1	0	0	0	0	0	0	0
Wayne	21	10	11	21	10	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Davis	912	470	442	892	456	436	8	7	1	2	0	2	9	6	3	0	0	0	1	1	0
Salt Lake	4,802	2,411	2,391	4,612	2,303	2,309	51	28	23	23	15	8	101	54	47	5	4	1	10	7	3
Southeastern	404	212	192	372	195	177	0	0	0	32	17	15	0	0	0	0	0	0	0	0	0
Carbon	205	96	109	205	96	109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emery	80	48	32	80	48	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand	62	36	26	60	35	25	0	0	0	2	1	1	0	0	0	0	0	0	0	0	0
San Juan	57	32	25	27	16	11	0	0	0	30	16	14	0	0	0	0	0	0	0	0	0
Southwest	877	476	401	867	473	394	2	1	1	5	1	4	1	0	1	0	0	0	2	1	1
Beaver	63	29	34	63	29	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Garfield	32	19	13	32	19	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron	168	98	70	167	98	69	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Kane	42	23	19	42	23	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington	572	307	265	563	304	259	2	1	1	4	1	3	1	0	1	0	0	0	2	1	1
Summit	59	36	23	59	36	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tooele	199	111	88	195	109	86	0	0	0	3	1	2	1	1	0	0	0	0	0	0	0
Uintah Basin	270	146	124	255	138	117	1	1	0	13	6	7	1	1	0	0	0	0	0	0	0
Daggett	6	3	3	6	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duchesne	100	51	49	97	50	47	0	0	0	3	1	2	0	0	0	0	0	0	0	0	0
Uintah	164	92	72	152	85	67	1	1	0	10	5	5	1	1	0	0	0	0	0	0	0
Utah County	1,422	708	714	1,407	699	708	1	1	0	2	2	0	9	4	5	2	1	1	1	1	0
Wasatch	80	33	47	79	32	47	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
Weber-Morgan	1,342	678	664	1,320	668	652	9	6	3	3	1	2	9	2	7	0	0	0	1	1	0
Morgan	34	18	16	34	18	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weber	1,308	660	648	1,286	650	636	9	6	3	3	1	2	9	2	7	0	0	0	1	1	0

Table A37. Deaths by age, race and gender, residents: Utah, 1997

Age	Race and gender																				
	Total			White			Black			Native American			Asian and Pacific Islander			Other non-white			Race not stated		
	Total	Male	Female	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
Total	11,545	5,879	5,666	11,221	5,696	5,525	72	44	28	89	47	42	139	74	65	7	5	2	17	13	4
Under 1 year	249	144	105	234	137	97	1	1	0	3	2	1	9	2	7	0	0	0	2	2	0
Under 1 month	153	91	62	145	87	58	0	0	0	0	0	0	6	2	4	0	0	0	2	2	0
Under 1 week	122	75	47	114	71	43	0	0	0	0	0	0	6	2	4	0	0	0	2	2	0
Under 1 day	105	65	40	98	61	37	0	0	0	0	0	0	5	2	3	0	0	0	2	2	0
Under 1 hour	51	34	17	47	30	17	0	0	0	0	0	0	2	2	0	0	0	0	2	2	0
1 to 4	58	29	29	52	26	26	0	0	0	2	0	2	4	3	1	0	0	0	0	0	0
5 to 9	28	17	11	26	16	10	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0
10 to 14	53	29	24	48	26	22	2	2	0	0	0	0	3	1	2	0	0	0	0	0	0
15 to 19	169	112	57	155	103	52	2	1	1	6	4	2	4	3	1	1	0	1	1	1	0
20 to 24	158	118	40	142	108	34	1	1	0	7	4	3	7	4	3	1	1	0	0	0	0
25 to 29	132	95	37	119	83	36	0	0	0	7	7	0	5	4	1	1	1	0	0	0	0
30 to 34	175	114	61	159	106	53	2	1	1	8	3	5	4	2	2	0	0	0	2	2	0
35 to 39	200	134	66	190	126	64	3	2	1	1	1	0	3	2	1	1	1	0	2	2	0
40 to 44	277	171	106	254	156	98	5	5	0	13	8	5	5	2	3	0	0	0	0	0	0
45 to 49	314	194	120	290	178	112	6	4	2	6	3	3	8	5	3	2	2	0	2	2	0
50 to 54	349	220	129	342	217	125	3	3	0	1	0	1	3	0	3	0	0	0	0	0	0
55 to 59	423	252	171	405	245	160	5	2	3	5	1	4	7	3	4	0	0	0	1	1	0
60 to 64	526	314	212	503	299	204	10	8	2	4	1	3	7	4	3	0	0	0	2	2	0
65 to 69	845	472	373	816	459	357	7	3	4	8	3	5	14	7	7	0	0	0	0	0	0
70 to 74	1,213	690	523	1,182	674	508	8	6	2	6	2	4	13	7	6	0	0	0	4	1	3
75 to 79	1,553	832	721	1,536	822	714	3	2	1	0	0	0	13	8	5	0	0	0	1	0	1
80 to 84	1,748	847	901	1,726	834	892	6	2	4	6	4	2	9	7	2	1	0	1	0	0	0
85 to 89	1,627	651	976	1,613	643	970	4	1	3	2	1	1	8	6	2	0	0	0	0	0	0
90 to 94	1,049	340	709	1,039	337	702	3	0	3	1	1	0	6	2	4	0	0	0	0	0	0
95 to 99	338	95	243	330	92	238	1	0	1	3	2	1	4	1	3	0	0	0	0	0	0
100 and over	60	8	52	59	8	51	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
Not stated	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A38a. Deaths by health district, county of residence, age and gender: Utah, 1997

District and county	Age and gender																	
	Total			Under 1			1-4			5-9			10-14			15-19		
	Total	Male	Female	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
Total	11,545	5,879	5,666	249	144	105	58	29	29	28	17	11	53	29	24	169	112	57
Bear River	683	334	349	7	6	1	6	4	2	2	1	1	3	1	2	7	4	3
Box Elder	272	129	143	0	0	0	3	3	0	1	0	1	1	1	0	3	2	1
Cache	394	194	200	6	5	1	3	1	2	1	1	0	2	0	2	3	1	2
Rich	17	11	6	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0
Central Utah	495	264	231	5	1	4	1	1	0	2	2	0	3	1	2	5	3	2
Juab	59	34	25	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
Millard	99	51	48	1	0	1	0	0	0	0	0	0	1	1	0	2	1	1
Piute	17	12	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sanpete	158	81	77	1	0	1	0	0	0	1	1	0	1	0	1	2	1	1
Sevier	141	76	65	3	1	2	0	0	0	1	1	0	1	0	1	1	1	0
Wayne	21	10	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Davis	912	470	442	17	10	7	7	2	5	4	1	3	3	2	1	20	12	8
Salt Lake	4,802	2,411	2,391	102	64	38	23	16	7	9	6	3	25	14	11	71	52	19
Southeastern	404	212	192	9	5	4	1	0	1	0	0	0	0	0	0	6	3	3
Carbon	205	96	109	3	1	2	1	0	1	0	0	0	0	0	0	1	0	1
Emery	80	48	32	2	1	1	0	0	0	0	0	0	0	0	0	2	1	1
Grand	62	36	26	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0
San Juan	57	32	25	2	1	1	0	0	0	0	0	0	0	0	0	3	2	1
Southwest	877	476	401	16	8	8	2	1	1	4	3	1	4	2	2	3	1	2
Beaver	63	29	34	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0
Garfield	32	19	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron	168	98	70	3	1	2	0	0	0	0	0	0	1	0	1	1	1	0
Kane	42	23	19	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Washington	572	307	265	13	7	6	2	1	1	2	2	0	3	2	1	1	0	1
Summit	59	36	23	3	2	1	0	0	0	0	0	0	0	0	0	3	1	2
Tooele	199	111	88	1	1	0	2	0	2	1	1	0	1	1	0	4	3	1
Uintah Basin	270	146	124	2	1	1	0	0	0	0	0	0	1	1	0	8	5	3
Daggett	6	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duchesne	100	51	49	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0
Uintah	164	92	72	1	0	1	0	0	0	0	0	0	1	1	0	7	4	3
Utah County	1,422	708	714	61	33	28	14	4	10	4	2	2	9	5	4	24	17	7
Wasatch	80	33	47	2	0	2	1	1	0	0	0	0	0	0	0	3	1	2
Weber-Morgan	1,342	678	664	24	13	11	1	0	1	2	1	1	4	2	2	15	10	5
Morgan	34	18	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weber	1,308	660	648	24	13	11	1	0	1	2	1	1	4	2	2	15	10	5

There is one male death of a Weber County resident where the age is unknown and it is included in the county total.

**Table A38b. Deaths by health district, county of residence, age and gender: Utah, 1997**

District and county	Age and gender																				
	20-24			25-29			30-34			35-39			40-44			45-49			50-54		
	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
Total	158	118	40	132	95	37	175	114	61	200	134	66	277	171	106	314	194	120	349	220	129
Bear River	5	4	1	8	8	0	4	2	2	12	8	4	6	4	2	11	6	5	13	6	7
Box Elder	2	2	0	3	3	0	1	0	1	4	3	1	1	1	0	5	3	2	4	3	1
Cache	3	2	1	5	5	0	3	2	1	8	5	3	5	3	2	6	3	3	8	3	5
Rich	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Central Utah	8	7	1	1	0	1	3	1	2	5	3	2	6	4	2	11	7	4	11	7	4
Juab	0	0	0	1	0	1	1	0	1	2	1	1	0	0	0	3	2	1	1	0	1
Millard	4	4	0	0	0	0	1	0	1	0	0	0	1	0	1	2	1	1	3	3	0
Piute	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
Sanpete	1	0	1	0	0	0	1	1	0	1	0	1	2	2	0	3	2	1	4	1	3
Sevier	2	2	0	0	0	0	0	0	0	2	2	0	3	2	1	2	1	1	2	2	0
Wayne	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
Davis	13	9	4	6	3	3	13	7	6	17	14	3	19	12	7	26	14	12	37	27	10
Salt Lake	76	58	18	64	43	21	91	61	30	92	62	30	140	91	49	133	89	44	160	94	66
Southeastern	4	3	1	4	4	0	9	5	4	4	2	2	5	4	1	16	9	7	12	7	5
Carbon	2	2	0	1	1	0	3	2	1	3	1	2	1	1	0	9	3	6	6	4	2
Emery	0	0	0	0	0	0	2	2	0	1	1	0	2	1	1	2	0	2	2	0	0
Grand	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	4	4	0	3	1	2
San Juan	2	1	1	3	3	0	4	1	3	0	0	0	1	1	0	1	0	1	1	0	1
Southwest	15	10	5	5	3	2	8	5	3	10	6	4	14	6	8	18	12	6	19	13	6
Beaver	1	1	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
Garfield	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
Iron	6	5	1	1	0	1	2	2	0	3	2	1	5	1	4	8	7	1	5	4	1
Kane	1	1	0	0	0	0	1	0	1	0	0	0	1	1	0	2	1	1	3	3	0
Washington	7	3	4	4	3	1	5	3	2	7	4	3	5	1	4	8	4	4	11	6	5
Summit	3	3	0	3	3	0	2	1	1	0	0	0	2	2	0	2	1	1	4	4	0
Tooele	3	3	0	2	2	0	1	1	0	4	4	0	4	2	2	7	4	3	6	5	1
Uintah Basin	3	2	1	6	5	1	9	7	2	7	4	3	6	4	2	9	5	4	9	6	3
Daggett	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duchesne	1	0	1	2	2	0	3	2	1	2	0	2	4	2	2	4	3	1	4	1	3
Uintah	2	2	0	4	3	1	6	5	1	5	4	1	2	2	0	5	2	3	5	5	0
Utah County	22	16	6	26	17	9	15	11	4	27	18	9	43	23	20	37	20	17	45	28	17
Wasatch	0	0	0	0	0	0	1	1	0	2	1	1	3	2	1	2	1	1	3	3	0
Weber-Morgan	6	3	3	7	7	0	19	12	7	20	12	8	29	17	12	42	26	16	30	20	10
Morgan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weber	6	3	3	7	7	0	19	12	7	20	12	8	29	17	12	42	26	16	30	20	10

Table A38c. Deaths by health district, county of residence, age and gender: Utah, 1997

District and county	Age and gender																							
	55-59			60-64			65-69			70-74			75-79			80-84			85 and over					
	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
Total	423	252	171	526	314	212	845	472	373	1,213	690	523	1,553	832	721	1,748	847	901	3,074	1,094	1,980			
Bear River	28	16	12	24	13	11	45	33	12	64	34	30	99	48	51	123	56	67	216	80	136			
Box Elder	16	8	8	12	6	6	21	16	5	27	15	12	37	14	23	45	17	28	86	32	54			
Cache	10	7	3	11	6	5	23	17	6	35	19	16	58	30	28	77	38	39	127	46	81			
Rich	2	1	1	1	1	0	1	0	1	2	0	2	4	4	0	1	1	0	3	2	1			
Central Utah	20	12	8	13	9	4	41	24	17	48	29	19	73	48	25	87	40	47	152	65	87			
Juab	2	1	1	1	1	0	1	0	1	7	4	3	10	8	2	11	5	6	18	11	7			
Millard	2	1	1	2	1	1	10	8	2	4	3	1	13	10	3	19	8	11	34	10	24			
Piute	0	0	0	0	0	0	2	1	1	3	3	0	4	2	2	1	1	0	6	4	2			
Sanpete	4	4	0	4	2	2	11	7	4	18	7	11	29	20	9	34	16	18	41	17	24			
Sevier	11	5	6	6	5	1	15	8	7	14	11	3	16	8	8	19	8	11	43	19	24			
Wayne	1	1	0	0	0	0	2	0	2	2	1	1	1	0	1	3	2	1	10	4	6			
Davis	36	21	15	48	32	16	81	46	35	88	58	30	132	66	66	133	64	69	212	70	142			
Salt Lake	187	108	79	217	132	85	338	181	157	500	274	226	635	329	306	675	322	353	1,264	415	849			
Southeastern	13	6	7	21	13	8	30	19	11	44	29	15	49	26	23	77	40	37	100	37	63			
Carbon	5	3	2	8	4	4	9	8	1	24	14	10	26	11	15	45	20	25	58	21	37			
Emery	5	3	2	4	4	0	10	4	6	6	5	1	10	7	3	13	7	6	19	8	11			
Grand	1	0	1	6	4	2	7	5	2	7	5	2	11	7	4	12	6	6	8	1	7			
San Juan	2	0	2	3	1	2	4	2	2	7	5	2	2	1	1	7	7	0	15	7	8			
Southwest	30	19	11	43	21	22	78	50	28	109	66	43	146	90	56	110	53	57	243	107	136			
Beaver	4	1	3	4	4	0	10	6	4	5	3	2	8	3	5	7	3	4	20	5	15			
Garfield	3	2	1	0	0	0	4	2	2	3	2	1	3	2	1	5	2	3	13	8	5			
Iron	3	3	0	6	3	3	17	12	5	21	13	8	36	23	13	19	8	11	31	13	18			
Kane	2	2	0	4	1	3	2	1	1	6	4	2	7	5	2	4	1	3	8	3	5			
Washington	18	11	7	29	13	16	45	29	16	74	44	30	92	57	35	75	39	36	171	78	93			
Summit	2	2	0	1	0	1	0	0	0	4	3	1	7	5	2	9	4	5	14	5	9			
Tooele	8	5	3	16	7	9	21	12	9	24	17	7	33	18	15	23	8	15	38	17	21			
Uintah Basin	10	6	4	13	7	6	22	8	14	29	20	9	35	24	11	38	19	19	63	22	41			
Daggett	0	0	0	2	1	1	0	0	0	0	0	0	2	1	1	1	0	1	0	1	0			
Duchesne	3	1	2	5	4	1	12	5	7	15	8	7	10	8	2	13	7	6	20	6	14			
Uintah	7	5	2	6	2	4	10	3	7	14	12	2	23	15	8	24	11	13	42	16	26			
Utah County	42	26	16	63	38	25	97	45	52	132	71	61	149	72	77	223	114	109	389	148	241			
Wasatch	6	4	2	3	2	1	2	0	2	7	3	4	5	1	4	20	8	12	20	5	15			
Weber-Morgan	41	27	14	64	40	24	90	54	36	164	86	78	190	105	85	230	119	111	363	123	240			
Morgan	0	0	0	2	0	2	4	3	1	5	2	3	6	3	3	8	5	3	9	5	4			
Weber	41	27	14	62	40	22	86	51	35	159	84	75	184	102	82	222	114	108	354	118	236			

**Table A39a. Deaths by selected causes and county of residence: Utah, 1997**

Cause of death (9th rev.)	ICD Codes	Total	County								
			Beaver	Box Elder	Cache	Carson	Daggett	Davis	Duchesne	Emergency	Garrison
Total		11,545	63	272	394	205	6	912	100	80	32
Certain other intestinal infections	007-009	6	0	0	1	0	0	0	0	0	0
Tuberculosis	010-018	3	0	0	0	0	0	0	0	0	0
Tuberculosis of respiratory system	010-012	2	0	0	0	0	0	0	0	0	0
Other tuberculosis	013-018	1	0	0	0	0	0	0	0	0	0
Meningococcal infection	036	2	0	0	0	0	0	0	0	0	0
Septicemia	038	82	2	2	1	2	0	3	1	0	1
Viral hepatitis	070	27	0	0	2	1	0	2	0	0	0
Syphilis	090-097	1	0	0	0	0	0	0	0	0	0
All other infectious and parasitic diseases	001-003,005,020-032, 037,039-041,*042-*044, 046-054,056-066, 071-088,098-139	62	0	1	1	0	0	8	1	1	0
Malignant neoplasms	140-208	2,130	9	55	61	45	2	191	17	17	10
Malignant neoplasms of lip, oral cavity and pharynx	140-149	28	0	0	1	0	0	4	0	0	0
Malignant neoplasms of digestive organs and peritoneum	150-159	477	2	13	19	17	2	40	3	4	3
Malignant neoplasms of respiratory and intrathoracic organs	160-165	361	4	7	5	7	0	34	2	5	1
Malignant neoplasms of breast	174-175	191	0	3	6	3	0	20	2	0	1
Malignant neoplasms of genital organs	179-187	339	0	11	11	4	0	26	3	3	0
Malignant neoplasms of urinary organs	188-189	100	1	1	2	2	0	7	0	1	0
Malignant neoplasms of all other and unspecified sites	170-173,190-199	331	1	7	8	8	0	36	6	1	1
Leukemia	204-208	119	1	8	1	1	0	7	0	0	3
Other malignant neoplasms of lymphatic and hematopoietic tissues	200-203	184	0	5	8	3	0	17	1	3	1
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	57	2	3	4	0	0	5	1	0	0
Diabetes mellitus	250	431	2	5	10	7	1	34	4	1	0
Nutritional deficiencies	260-269	39	0	1	2	0	0	2	2	1	0
Anemias	280-285	26	0	2	0	0	0	1	0	0	0
Meningitis	320-322	2	0	0	0	0	0	0	0	0	0
Major cardiovascular diseases	390-448	4,092	33	111	161	84	1	348	36	33	13
Diseases of heart	390-398,402, 404-429	2,995	31	79	118	60	1	244	30	25	12

**Table A39a cont'd. Deaths by selected causes and county of residence: Utah, 1997**

Cause of death (9th rev.)	ICD Codes	Total	County								
			Beaver	Box Elder	Cache	Carson	Daggett	Davis	Duchesne	Emergency	Garrison
Rheumatic fever and rheumatic heart disease	390-398	72	0	2	5	1	0	3	1	0	0
Hypertensive heart disease	402	87	0	3	2	3	0	6	0	0	1
Hypertensive heart and renal disease	404	6	0	0	0	0	0	0	0	0	0
Ischemic heart disease	410-414	1,700	17	56	67	29	1	124	15	15	6
Acute myocardial infarction	410	771	5	37	29	6	1	45	9	6	4
Other acute and subacute forms of ischemic heart disease	411	1	0	0	0	0	0	0	0	0	0
Angina pectoris	413	3	0	0	0	0	0	0	0	0	0
Old myocardial infarction and other forms of chronic ischemic heart disease	412,414	925	12	19	38	23	0	79	6	9	2
Other diseases of endocardium	424	92	1	1	8	0	0	6	0	0	0
All other forms of heart disease	415-423, 425-429	1,038	13	17	36	27	0	105	14	10	5
Hypertension with or without renal disease	401,403	50	0	1	1	1	0	2	0	0	0
Cerebrovascular diseases	430-438	872	1	27	31	15	0	88	6	5	1
Occlusion of cerebral arteries	434	39	0	0	1	0	0	5	0	1	0
All other and late effects of cerebrovascular disease	430,433, 435-438	833	1	27	30	15	0	83	6	4	1
Atherosclerosis	440	66	0	0	3	4	0	6	0	2	0
Other diseases of arteries, arterioles and capillaries	441-448	109	1	4	8	4	0	8	0	1	0
Pneumonia and influenza	480-487	532	1	20	29	11	0	34	8	3	1
Pneumonia	480-486	527	1	20	29	11	0	34	7	3	1
Influenza	487	5	0	0	0	0	0	0	1	0	0
Chronic obstructive pulmonary diseases and allied conditions	490-496	440	2	10	7	13	1	27	5	3	2
Bronchitis, chronic and unspecified	490-491	10	0	0	0	1	0	0	1	0	0
Emphysema	492	85	0	4	0	2	0	5	2	1	0
Asthma	493	38	1	1	1	0	0	3	0	0	0
Other chronic obstructive pulmonary diseases and allied conditions	494-496	307	1	5	6	10	1	19	2	2	2
Ulcer of stomach and duodenum	531-533	36	0	0	0	1	0	5	1	0	0
Appendicitis	540-543	5	0	0	0	0	0	1	0	0	0

**Table A39a cont'd. Deaths by selected causes and county of residence: Utah, 1997**

Cause of death (9th rev.)	ICD Codes	Total	County								
			Beaver	Box Elder	Cache	Carson	Daggett	Davis	Duchesne	Emery	Gарfield
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560	50	0	0	1	1	0	4	1	1	0
Chronic liver disease and cirrhosis	571	114	1	1	2	2	0	0	1	1	0
Cholelithiasis and other disorders of gallbladder	574-575	19	0	2	0	0	0	1	0	0	1
Nephritis, nephrotic syndrome, and nephrosis	580-589	134	1	4	2	3	0	13	1	0	1
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic and renal sclerosis unspecified	582-583,587	6	0	0	0	0	0	0	0	0	0
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586,588-589	128	1	4	2	3	0	13	1	0	1
Infections of kidney	590	7	0	0	0	0	0	2	0	1	0
Hyperplasia of prostate	600	2	0	0	0	0	0	0	0	0	0
Complications of pregnancy, childbirth and the puerperium	630-676	2	0	0	0	0	0	0	0	0	0
Other complications of pregnancy, childbirth and the puerperium	640-676	2	0	0	0	0	0	0	0	0	0
Congenital anomalies	740-759	121	1	1	2	1	0	9	1	0	0
Certain conditions originating in the perinatal period	760-779	88	0	0	4	1	0	7	0	0	0
Birth Trauma, intrauterine hypoxia birth asphyxia, and respiratory distress syndrome	767-769	9	0	0	0	0	0	0	0	0	0
Other conditions originating in the perinatal period	760-766,770-779	79	0	0	4	1	0	7	0	0	0
Symptoms, signs, and ill-defined conditions	780-799	299	1	6	6	5	1	25	1	3	2
Accidents and adverse effects	E800-E949	679	4	18	25	12	0	54	4	5	0
Motor vehicle accidents	E810-E825	373	2	9	12	4	0	31	2	5	0
All other accidents and adverse effects	E800-E807, E826-E949	306	2	9	13	8	0	23	2	0	0
Suicide	E950-E959	297	0	1	10	2	0	26	3	1	0
Homicide and legal intervention	E960-E978	63	0	0	1	1	0	2	0	0	0
All other external causes	E980-E999	124	0	0	3	3	0	11	0	1	0
All other diseases	Residual	1,573	4	29	59	10	0	97	12	8	1

Note: County is unknown for one male where the underlying cause of death is "Symptoms, signs, and ill-defined conditions" and is included in the totals.

**Table A39b. Deaths by selected causes and county of residence: Utah, 1997**

Cause of death (9th rev.)	ICD Codes	County									
		Gr and	Ir on	Ju ab	Ka ne	Mil la rd	Mo rg an	Pi ute	Rich	Salt Lake	San Juan
Total		62	168	59	42	99	34	17	17	4,802	57
Certain other intestinal infections	007-009	0	0	0	0	0	0	0	0	2	0
Tuberculosis	010-018	0	0	0	0	0	0	0	0	2	0
Tuberculosis of respiratory system	010-012	0	0	0	0	0	0	0	0	1	0
Other tuberculosis	013-018	0	0	0	0	0	0	0	0	1	0
Meningococcal infection	036	0	0	0	0	0	0	0	0	0	0
Septicemia	038	2	0	2	1	1	0	0	0	37	3
Viral hepatitis	070	0	1	0	0	0	0	0	0	15	0
Syphilis	090-097	0	0	0	0	0	0	0	0	1	0
All other infectious and parasitic diseases	001-003,005,020-032, 037,039-041,*042-*044, 046-054,056-066, 071-088,098-139	0	0	0	0	1	0	0	0	38	0
Malignant neoplasms	140-208	18	36	11	13	9	8	0	4	891	6
Malignant neoplasms of lip, oral cavity and pharynx	140-149	0	0	0	0	0	0	0	0	14	0
Malignant neoplasms of digestive organs and peritoneum	150-159	4	6	1	2	2	1	0	1	191	3
Malignant neoplasms of respiratory and intrathoracic organs	160-165	7	9	3	2	0	2	0	0	155	0
Malignant neoplasms of breast	174-175	2	0	3	1	2	1	0	0	81	1
Malignant neoplasms of genital organs	179-187	2	8	3	3	2	1	0	2	133	1
Malignant neoplasms of urinary organs	188-189	0	2	1	0	0	0	0	0	45	0
Malignant neoplasms of all other and unspecified sites	170-173,190-199	1	4	0	2	3	1	0	0	143	1
Leukemia	204-208	2	3	0	0	0	1	0	1	54	0
Other malignant neoplasms of lymphatic and hematopoietic tissues	200-203	0	4	0	3	0	1	0	0	75	0
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	1	1	0	0	0	0	0	0	22	1
Diabetes mellitus	250	5	8	6	2	5	1	0	0	169	2
Nutritional deficiencies	260-269	0	0	0	0	0	0	0	0	14	0
Anemias	280-285	0	0	0	0	0	0	0	0	9	0
Meningitis	320-322	0	0	0	0	0	0	0	0	1	1
Major cardiovascular diseases	390-448	10	59	20	14	45	14	6	2	1,568	20
Diseases of heart	390-398,402, 404-429	7	48	15	12	34	10	4	2	1,148	15

**Table A39b cont'd. Deaths by selected causes and county of residence: Utah, 1997**

Cause of death (9th rev.)	ICD Codes	County									
		Gr and	Ir on	Ju ab	Ka ne	Mil la rd	Mo rg an	Pi ute	Rich	Salt Lake	San Juan
Rheumatic fever and rheumatic heart disease	390-398	0	2	0	0	0	0	0	0	28	0
Hypertensive heart disease	402	0	0	0	0	2	0	0	0	47	0
Hypertensive heart and renal disease	404	0	0	0	0	0	0	0	0	4	0
Ischemic heart disease	410-414	6	32	10	9	20	8	2	1	641	10
Acute myocardial infarction	410	3	18	6	4	12	2	1	0	298	6
Other acute and subacute forms of ischemic heart disease	411	0	0	0	0	0	0	0	0	0	0
Angina pectoris	413	0	0	0	0	0	0	0	0	3	0
Old myocardial infarction and other forms of chronic ischemic heart disease	412,414	3	14	4	5	8	6	1	1	340	4
Other diseases of endocardium	424	0	1	0	0	1	0	0	0	35	0
All other forms of heart disease	415-423, 425-429	1	13	5	3	11	2	2	1	393	5
Hypertension with or without renal disease	401,403	1	1	0	1	1	0	0	0	22	0
Cerebrovascular diseases	430-438	2	10	3	1	9	3	1	0	336	5
Occlusion of cerebral arteries	434	0	0	0	0	1	0	1	0	18	0
All other and late effects of cerebrovascular disease	430,433, 435-438	2	10	3	1	8	3	0	0	318	5
Atherosclerosis	440	0	0	1	0	0	1	0	0	20	0
Other diseases of arteries, arterioles and capillaries	441-448	0	0	1	0	1	0	1	0	42	0
Pneumonia and influenza	480-487	1	1	5	3	4	2	0	1	231	2
Pneumonia	480-486	1	1	5	3	4	2	0	1	229	2
Influenza	487	0	0	0	0	0	0	0	0	2	0
Chronic obstructive pulmonary diseases and allied conditions	490-496	6	6	3	1	4	1	3	1	187	1
Bronchitis, chronic and unspecified	490-491	0	0	0	0	3	0	0	0	3	0
Emphysema	492	1	1	0	0	0	0	0	1	34	0
Asthma	493	1	1	1	0	0	0	0	0	19	0
Other chronic obstructive pulmonary diseases and allied conditions	494-496	4	4	2	1	1	1	3	0	131	1
Ulcer of stomach and duodenum	531-533	0	0	0	0	1	0	0	0	13	0
Appendicitis	540-543	0	0	0	0	0	0	0	0	3	0

**Table A39b cont'd. Deaths by selected causes and county of residence: Utah, 1997**

Cause of death (9th rev.)	ICD Codes	County									
		Gr and	Ir on	Ju ab	Ka ne	Mil la rd	Mo rg an	Pi ute	Rich	Salt Lake	San Juan
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560	0	2	0	0	0	0	0	0	19	0
Chronic liver disease and cirrhosis	571	1	5	0	1	1	0	0	0	56	0
Cholelithiasis and other disorders of gallbladder	574-575	0	0	0	0	0	0	0	0	6	0
Nephritis, nephrotic syndrome, and nephrosis	580-589	0	2	0	0	1	2	1	0	51	1
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic and renal sclerosis unspecified	582-583,587	0	0	0	0	0	0	0	0	4	0
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586,588-589	0	2	0	0	1	2	1	0	47	1
Infections of kidney	590	0	0	0	0	0	0	0	0	1	0
Hyperplasia of prostate	600	0	0	0	0	0	0	0	0	1	0
Complications of pregnancy, childbirth and the puerperium	630-676	0	0	0	0	1	0	0	0	1	0
Other complications of pregnancy, childbirth and the puerperium	640-676	0	0	0	0	1	0	0	0	1	0
Congenital anomalies	740-759	1	2	1	0	1	0	0	0	54	0
Certain conditions originating in the perinatal period	760-779	0	0	0	0	0	0	0	1	41	0
Birth Trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome	767-769	0	0	0	0	0	0	0	0	8	0
Other conditions originating in the perinatal period	760-766,770-779	0	0	0	0	0	0	0	1	33	0
Symptoms, signs, and ill-defined conditions	780-799	3	1	0	0	1	1	2	2	145	2
Accidents and adverse effects	E800-E949	2	13	4	2	5	0	1	2	272	12
Motor vehicle accidents	E810-E825	1	5	0	1	2	0	0	2	147	8
All other accidents and adverse effects	E800-E807, E826-E949	1	8	4	1	3	0	1	0	125	4
Suicide	E950-E959	0	5	0	1	4	0	1	2	135	1
Homicide and legal intervention	E960-E978	1	0	0	0	2	0	0	0	40	1
All other external causes	E980-E999	0	0	1	0	1	0	0	0	74	0
All other diseases	Residual	11	26	6	4	12	5	3	2	703	42

**Table A39c. Deaths by selected causes and county of residence: Utah, 1997**

Cause of death (9th rev.)	ICD Codes	County									
		San pete	Sev ier	Sum mit	Too ele	Uin tah	Utah	Wa satch	Wash ing ton	Way ne	We ber
Total		158	141	59	199	164	1,422	80	572	21	1,308
Certain other intestinal infections	007-009	0	0	0	1	0	0	0	2	0	0
Tuberculosis	010-018	0	0	0	0	0	0	0	0	0	1
Tuberculosis of respiratory system	010-012	0	0	0	0	0	0	0	0	0	1
Other tuberculosis	013-018	0	0	0	0	0	0	0	0	0	0
Meningococcal infection	036	0	0	0	0	0	1	0	0	0	1
Septicemia	038	1	2	0	1	1	8	0	5	0	6
Viral hepatitis	070	0	0	0	0	1	3	0	1	0	1
Syphilis	090-097	0	0	0	0	0	0	0	0	0	0
All other infectious and parasitic diseases	001-003,005,020-032, 037,039-041,*042-*044, 046-054,056-066, 071-088,098-139	0	0	0	0	1	2	0	1	0	7
Malignant neoplasms	140-208	33	24	10	33	27	224	17	116	1	242
Malignant neoplasms of lip, oral cavity and pharynx	140-149	0	0	0	0	0	1	0	2	0	6
Malignant neoplasms of digestive organs and peritoneum	150-159	8	4	2	7	6	56	1	28	1	50
Malignant neoplasms of respiratory and intrathoracic organs	160-165	6	6	1	7	8	28	2	20	0	40
Malignant neoplasms of breast	174-175	4	1	0	3	1	23	0	12	0	21
Malignant neoplasms of genital organs	179-187	7	4	2	5	5	41	6	21	0	35
Malignant neoplasms of urinary organs	188-189	0	1	0	1	1	7	2	10	0	16
Malignant neoplasms of all other and unspecified sites	170-173,190-199	5	3	2	3	4	38	2	10	0	41
Leukemia	204-208	2	2	0	3	1	12	2	4	0	11
Other malignant neoplasms of lymphatic and hematopoietic tissues	200-203	1	3	3	4	1	18	2	9	0	22
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	1	0	0	0	0	9	0	3	0	4
Diabetes mellitus	250	8	5	1	10	4	63	5	15	1	57
Nutritional deficiencies	260-269	1	1	0	0	0	5	0	2	0	8
Anemias	280-285	1	0	0	0	0	9	0	1	0	3
Meningitis	320-322	0	0	0	0	0	0	0	0	0	0
Major cardiovascular diseases	390-448	49	54	20	69	56	490	26	216	10	524
Diseases of heart	390-398,402, 404-429	37	38	10	56	44	357	20	150	8	380

**Table A39c cont'd. Deaths by selected causes and county of residence: Utah, 1997**

Cause of death (9th rev.)	ICD Codes	County									
		San pete	Sev ier	Sum mit	Too ele	Uin tah	Utah	Wa satch	Wash ing ton	Way ne	We ber
Rheumatic fever and rheumatic heart disease	390-398	2	1	0	1	1	11	0	1	0	13
Hypertensive heart disease	402	1	3	0	0	2	10	0	2	0	5
Hypertensive heart and renal disease	404	0	0	0	0	0	1	0	0	0	1
Ischemic heart disease	410-414	17	20	4	30	21	215	10	97	8	209
Acute myocardial infarction	410	11	14	0	11	13	98	6	42	6	78
Other acute and subacute forms of ischemic heart disease	411	0	0	0	0	0	0	0	0	0	1
Angina pectoris	413	0	0	0	0	0	0	0	0	0	0
Old myocardial infarction and other forms of chronic ischemic heart disease	412,414	6	6	4	19	8	117	4	55	2	130
Other diseases of endocardium	424	4	0	1	1	2	14	1	3	0	13
All other forms of heart disease	415-423, 425-429	13	14	5	24	18	106	9	47	0	139
Hypertension with or without renal disease	401,403	0	0	0	1	0	8	1	2	0	7
Cerebrovascular diseases	430-438	10	14	7	11	8	106	1	52	2	117
Occlusion of cerebral arteries	434	1	0	0	1	0	3	0	2	0	5
All other and late effects of cerebrovascular disease	430,433, 435-438	9	14	7	10	8	103	1	50	2	112
Atherosclerosis	440	1	2	3	0	3	9	2	1	0	8
Other diseases of arteries, arterioles and capillaries	441-448	1	0	0	1	1	10	2	11	0	12
Pneumonia and influenza	480-487	6	4	1	11	9	65	3	18	2	56
Pneumonia	480-486	6	4	1	11	9	64	3	18	2	55
Influenza	487	0	0	0	0	0	1	0	0	0	1
Chronic obstructive pulmonary diseases and allied conditions	490-496	9	3	2	8	10	43	2	25	2	53
Bronchitis, chronic and unspecified	490-491	0	1	0	0	0	1	0	0	0	0
Emphysema	492	2	0	0	2	6	8	0	0	1	15
Asthma	493	0	0	0	0	0	6	0	1	0	3
Other chronic obstructive pulmonary diseases and allied conditions	494-496	7	2	2	6	4	28	2	24	1	35
Ulcer of stomach and duodenum	531-533	1	0	0	1	0	3	1	1	0	8
Appendicitis	540-543	0	0	0	0	0	0	0	1	0	0

**Table A39c cont'd. Deaths by selected causes and county of residence: Utah, 1997**

Cause of death (9th rev.)	ICD Codes	County									
		San pete	Sev ier	Sum mit	Too ele	Uin tah	Utah	Wa satch	Wash ing ton	Way ne	We ber
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560	1	1	1	1	0	9	2	2	1	3
Chronic liver disease and cirrhosis	571	0	0	0	2	3	14	2	4	0	17
Cholelithiasis and other disorders of gallbladder	574-575	2	0	1	0	0	2	1	0	0	3
Nephritis, nephrotic syndrome, and nephrosis	580-589	0	2	2	5	1	19	1	4	0	17
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic and renal sclerosis unspecified	582-583,587	0	1	0	0	0	1	0	0	0	0
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586,588-589	0	1	2	5	1	18	1	4	0	17
Infections of kidney	590	0	0	0	1	0	1	0	0	0	1
Hyperplasia of prostate	600	0	0	0	0	0	1	0	0	0	0
Complications of pregnancy, childbirth and the puerperium	630-676	0	0	0	0	0	0	0	0	0	0
Other complications of pregnancy, childbirth and the puerperium	640-676	0	0	0	0	0	0	0	0	0	0
Congenital anomalies	740-759	0	0	1	0	0	30	0	5	0	11
Certain conditions originating in the perinatal period	760-779	1	2	1	0	0	19	1	3	0	7
Birth Trauma, intrauterine hypoxia birth asphyxia, and respiratory distress syndrome	767-769	0	0	0	0	0	1	0	0	0	0
Other conditions originating in the perinatal period	760-766,770-779	1	2	1	0	0	18	1	3	0	7
Symptoms, signs, and ill-defined conditions	780-799	3	2	1	6	4	36	2	19	0	18
Accidents and adverse effects	E800-E949	8	8	3	12	14	99	6	35	1	58
Motor vehicle accidents	E810-E825	5	4	2	8	11	56	5	19	0	32
All other accidents and adverse effects	E800-E807, E826-E949	3	4	1	4	3	43	1	16	1	26
Suicide	E950-E959	2	4	5	5	7	34	1	13	0	34
Homicide and legal intervention	E960-E978	1	1	1	1	1	3	1	1	0	5
All other external causes	E980-E999	1	0	1	2	0	15	0	2	1	8
All other diseases	Residual	92	8	8	30	252	15	9	77	21	55

**Table A40. Deaths by selected causes and age, residents: Utah, 1997**

Cause of death (9th rev.)	ICD Code	All ages	Age										
			Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 and over	Unknown
Total		11,545	249	58	81	327	307	477	663	949	2,058	6,375	1
Certain other intestinal infections	007-009	6	0	1	0	0	0	0	0	0	1	4	0
Tuberculosis	010-018	3	0	0	0	0	0	0	2	0	0	1	0
Tuberculosis of respiratory system	010-012	2	0	0	0	0	0	0	1	0	0	1	0
Other tuberculosis	013-018	1	0	0	0	0	0	0	1	0	0	0	0
Meningococcal infection	036	2	0	0	0	1	0	0	0	0	1	0	0
Septicemia	038	82	1	1	0	0	1	3	7	7	18	44	0
Viral hepatitis	070	27	0	0	1	0	0	7	10	4	3	2	0
Syphilis	090-097	1	0	0	0	0	0	0	1	0	0	0	0
All other infectious and parasitic diseases	001-003,005,020-032, 037,039-041,*042-*044, 046-054,056-066, 071-088,098-139	62	3	2	0	4	11	6	10	5	6	15	0
Malignant neoplasms	140-208	2,130	2	5	7	8	32	79	172	298	565	962	0
Malignant neoplasms of lip, oral cavity and pharynx	140-149	28	0	0	0	0	1	0	3	3	8	13	0
Malignant neoplasms of digestive organs and peritoneum	150-159	477	0	0	0	2	4	13	27	72	141	218	0
Malignant neoplasms of respiratory and intrathoracic organs	160-165	361	0	0	0	0	1	10	24	61	120	145	0
Malignant neoplasms of breast	174-175	191	0	0	0	0	2	15	23	26	55	70	0
Malignant neoplasms of genital organs	179-187	339	0	0	0	1	4	4	25	34	69	202	0
Malignant neoplasms of urinary organs	188-189	100	1	0	0	0	0	2	10	15	28	44	0
Malignant neoplasms of all other and unspecified sites	170-173,190-199	331	1	4	3	2	10	21	35	46	74	135	0
Leukemia	204-208	119	0	1	4	2	3	8	9	18	24	50	0
Other malignant neoplasms of lymphatic and hematopoietic tissues	200-203	184	0	0	0	1	7	6	16	23	46	85	0
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	57	1	0	1	2	2	1	5	7	8	30	0
Diabetes mellitus	250	431	0	0	2	1	1	20	28	38	100	241	0
Nutritional deficiencies	260-269	39	0	0	0	0	0	1	0	3	3	32	0
Anemias	280-285	26	0	1	0	0	0	3	0	0	1	21	0
Meningitis	320-322	2	1	0	0	0	0	0	0	0	0	1	0
Major cardiovascular diseases	390-448	4,092	10	6	3	12	17	73	151	293	727	2,800	0
Diseases of heart	390-398,402, 404-429	2,995	6	6	3	11	14	62	133	232	560	1,968	0

Table A40 continued. Deaths by selected causes and age, residents: Utah, 1997

Cause of death (9th rev.)	ICD Code	All ages	Age										75 and over	Unknown
			Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 and over		
Rheumatic fever and rheumatic heart disease	390-398	72	0	0	0	1	1	1	7	5	19	38	0	0
Hypertensive heart disease	402	87	0	0	0	0	0	4	7	8	16	52	0	0
Hypertensive heart and renal disease	404	6	0	0	0	0	0	0	0	0	1	5	0	0
Ischemic heart disease	410-414	1,700	0	0	0	0	3	32	77	154	329	1,105	0	0
Acute myocardial infarction	410	771	0	0	0	0	1	13	36	73	162	486	0	0
Other acute and subacute forms of ischemic heart disease	411	1	0	0	0	0	0	0	0	0	1	0	0	0
Angina pectoris	413	3	0	0	0	0	0	0	0	0	0	0	3	0
Old myocardial infarction and other forms of chronic ischemic heart disease	412,414	925	0	0	0	0	2	19	41	81	166	616	0	0
Other diseases of endocardium	424	92	0	1	0	0	1	3	5	1	20	61	0	0
All other forms of heart disease	415-423, 425-429	1,038	6	5	3	10	9	22	37	64	175	707	0	0
Hypertension with or without renal disease	401,403	50	0	0	0	0	0	0	0	3	9	38	0	0
Cerebrovascular diseases	430-438	872	4	0	0	1	3	10	14	41	127	672	0	0
Occlusion of cerebral arteries	434	39	0	0	0	0	0	0	0	3	5	31	0	0
All other and late effects of cerebrovascular disease	430,433, 435-438	833	4	0	0	1	3	10	14	38	122	641	0	0
Atherosclerosis	440	66	0	0	0	0	0	0	0	7	6	53	0	0
Other diseases of arteries, arterioles and capillaries	441-448	109	0	0	0	0	0	1	4	10	25	69	0	0
Pneumonia and influenza	480-487	532	4	1	0	1	10	14	13	14	51	424	0	0
Pneumonia	480-486	527	4	1	0	1	10	14	13	14	50	420	0	0
Influenza	487	5	0	0	0	0	0	0	0	0	1	4	0	0
Chronic obstructive pulmonary diseases and allied conditions	490-496	440	0	0	0	0	2	2	6	47	125	258	0	0
Bronchitis, chronic and unspecified	490-491	10	0	0	0	0	0	0	0	3	1	6	0	0
Emphysema	492	85	0	0	0	0	0	0	2	10	23	50	0	0
Asthma	493	38	0	0	0	0	2	1	0	5	6	24	0	0
Other chronic obstructive pulmonary diseases and allied conditions	494-496	307	0	0	0	0	0	1	4	29	95	178	0	0
Ulcer of stomach and duodenum	531-533	36	0	0	0	0	0	1	1	3	6	25	0	0
Appendicitis	540-543	5	0	0	0	0	0	0	1	0	3	1	0	0

Table A40 continued. Deaths by selected causes and age, residents: Utah, 1997

Cause of death (9th rev.)	ICD Code	All ages	Age										75 and over	Unknown
			Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 and over		
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560	50	0	0	0	0	1	2	1	2	5	39	0	
Chronic liver disease and cirrhosis	571	114	0	0	0	0	8	21	14	23	23	25	0	
Cholelithiasis and other disorders of gallbladder	574-575	19	0	0	0	0	1	0	2	0	2	14	0	
Nephritis, nephrotic syndrome, and nephrosis	580-589	134	1	0	0	1	0	2	4	6	29	91	0	
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic and renal sclerosis unspecified	582-583,587	6	0	0	0	0	0	0	0	1	0	5	0	
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586,588-589	128	1	0	0	1	0	2	4	5	29	86	0	
Infections of kidney	590	7	0	0	0	0	0	1	0	1	2	3	0	
Hyperplasia of prostate	600	2	0	0	0	0	0	0	0	0	0	2	0	
Complications of pregnancy, childbirth and the puerperium	630-676	2	0	0	0	0	2	0	0	0	0	0	0	
Other complications of pregnancy, childbirth and the puerperium	640-676	2	0	0	0	0	2	0	0	0	0	0	0	
Congenital anomalies	740-759	121	76	7	6	4	7	3	3	5	3	7	0	
Certain conditions originating in the perinatal period	760-779	88	83	2	1	1	1	0	0	0	0	0	0	
Birth Trauma, intrauterine hypoxia birth asphyxia, and respiratory distress syndrome	767-769	9	7	0	0	1	1	0	0	0	0	0	0	
Other conditions originating in the perinatal period	760-766,770-779	79	76	2	1	0	0	0	0	0	0	0	0	
Symptoms, signs, and ill-defined conditions	780-799	299	42	4	1	4	8	19	19	26	45	131	0	
Accidents and adverse effects	E800-E949	679	8	21	40	160	76	68	60	47	62	136	1	
Motor vehicle accidents	E810-E825	373	2	10	31	130	55	41	27	28	20	28	1	
All other accidents and adverse effects	E800-E807, E826-E949	306	6	11	9	30	21	27	33	19	42	108	0	
Suicide	E950-E959	297	0	0	7	70	68	52	41	17	23	19	0	
Homicide and legal intervention	E960-E978	63	2	0	3	28	10	6	6	1	4	3	0	
All other external causes	E980-E999	124	2	0	1	11	26	49	25	6	2	2	0	
All other diseases	Residual	1,573	13	7	8	19	23	44	81	96	240	1,042	0	

**Table A41. Deaths by health district, county of occurrence and place where death occurred, residents: Utah, 1997**

District and county	Total	Place of death					
		Hospital	Home	Enroute	Nursing home	Clinic or office	Other place
Total	11,976	4,891	3,707	303	2,719	10	346
Bear River	649	190	190	11	238	0	20
Box Elder	252	63	81	5	94	0	9
Cache	386	127	101	6	144	0	8
Rich	11	0	8	0	0	0	3
Central Utah	397	119	145	23	85	0	25
Juab	71	21	16	7	23	0	4
Millard	79	19	34	4	14	0	8
Piute	7	0	7	0	0	0	0
Sanpete	115	44	48	7	13	0	3
Sevier	114	35	33	5	35	0	6
Wayne	11	0	7	0	0	0	4
Davis	807	280	323	17	167	0	20
Salt Lake	5,397	2,504	1,493	123	1,191	2	84
Southeastern	384	107	130	18	79	4	46
Carbon	215	74	68	18	44	0	11
Emery	53	0	30	0	14	3	6
Grand	56	23	22	0	0	0	11
San Juan	60	10	10	0	21	1	18
Southwest	929	354	310	25	182	1	57
Beaver	64	39	10	7	0	0	8
Garfield	37	18	10	3	0	0	6
Iron	147	33	71	12	18	0	13
Kane	38	18	9	3	1	0	7
Washington	643	246	210	0	163	1	23
Summit	36	0	20	0	0	3	13
Tooele	154	37	52	4	38	0	23
Uintah Basin	241	83	97	6	43	0	12
Daggett	3	0	2	0	1	0	0
Duchesne	120	49	38	4	19	0	10
Uintah	118	34	57	2	23	0	2
Utah County	1,512	638	478	42	334	0	20
Wasatch	77	15	34	4	14	0	10
Weber-Morgan	1,393	564	435	30	348	0	16
Morgan	20	0	17	0	0	0	3
Weber	1,373	564	418	30	348	0	13

**Table A42. Deaths from injuries due to violence by health district, county of residence and cause: Utah, 1997**

District and county	Cause of death (9th rev.)					
	Accidents			Undetermined if injury was inflicted accidentally or purposely		
	Motor vehicle	All other E800-E809 E826-E949	Homicide E960-E979	Suicide E950-E959	E980-E989	
Total	1,163	373	306	63	297	124
Bear River	62	23	22	1	13	3
Box Elder	19	9	9	0	1	0
Cache	39	12	13	1	10	3
Rich	4	2	0	0	2	0
Central Utah	46	11	16	4	11	4
Juab	5	0	4	0	0	1
Millard	12	2	3	2	4	1
Piute	2	0	1	0	1	0
Sanpete	12	5	3	1	2	1
Sevier	13	4	4	1	4	0
Wayne	2	0	1	0	0	1
Davis	93	31	23	2	26	11
Salt Lake	521	147	125	40	135	74
Southeastern	42	18	13	3	4	4
Carbon	18	4	8	1	2	3
Emery	7	5	0	0	1	1
Grand	3	1	1	1	0	0
San Juan	14	8	4	1	1	0
Southwest	76	27	27	1	19	2
Beaver	4	2	2	0	0	0
Garfield	0	0	0	0	0	0
Iron	18	5	8	0	5	0
Kane	3	1	1	0	1	0
Washington	51	19	16	1	13	2
Summit	10	2	1	1	5	1
Tooele	20	8	4	1	5	2
Uintah Basin	29	13	5	1	10	0
Daggett	0	0	0	0	0	0
Duchesne	7	2	2	0	3	0
Uintah	22	11	3	1	7	0
Utah County	151	56	43	3	34	15
Wasatch	8	5	1	1	1	0
Weber-Morgan	105	32	26	5	34	8
Morgan	0	0	0	0	0	0
Weber	105	32	26	5	34	8

**Table A43. Deaths from injuries due to violence by age, gender and cause, residents: Utah, 1997**

Age and gender	Total	Cause of death (9th rev.)					Undetermined if injury was inflicted accidentally or purposely E980-E989	
		Accidents		Homicide E960-E979	Suicide E950-E959			
		Motor vehicle E810-E825	All other E800-E809 E826-E949					
Total	1,163	373	306	63	297	124		
Male	797	227	198	45	234	93		
Female	366	146	108	18	63	31		
Under 15	84	43	26	5	7	3		
Male	52	21	19	3	6	3		
Female	32	22	7	2	1	0		
15-19	142	70	11	16	42	3		
Male	97	41	9	10	35	2		
Female	45	29	2	6	7	1		
20-24	127	60	19	12	28	8		
Male	99	40	15	10	27	7		
Female	28	20	4	2	1	1		
25-34	180	55	21	10	68	26		
Male	142	40	19	7	55	21		
Female	38	15	2	3	13	5		
35-44	175	41	27	6	52	49		
Male	118	25	19	4	34	36		
Female	57	16	8	2	18	13		
45-54	132	27	33	6	41	25		
Male	90	14	23	5	29	19		
Female	42	13	10	1	12	6		
55-64	71	28	19	1	17	6		
Male	46	16	12	1	13	4		
Female	25	12	7	0	4	2		
65-74	91	20	42	4	23	2		
Male	63	12	30	3	18	0		
Female	28	8	12	1	5	2		
75-84	93	25	47	3	16	2		
Male	57	15	25	2	14	1		
Female	36	10	22	1	2	1		
85 and over	67	3	61	0	3	0		
Male	32	2	27	0	3	0		
Female	35	1	34	0	0	0		
Unknown	1	1	0	0	0	0		
Male	1	1	0	0	0	0		
Female	0	0	0	0	0	0		

**Table A44. Deaths from injuries due to violence by race, gender and cause, residents: Utah, 1997**

Race and gender	Total	Cause of death (9th rev.)					
		Accidents		Undetermined if injury was inflicted accidentally or purposely			
		Motor vehicle E810-E825	All other E800-E809 E826-E949	Homicide E960-E979	Suicide E950-E959	E980-E989	
Total	1,163	373	306	63	297	124	
White	1,093	342	292	55	286	118	
Male	746	207	188	39	225	87	
Female	347	135	104	16	61	31	
Black	10	1	0	4	2	3	
Male	9	1	0	3	2	3	
Female	1	0	0	1	0	0	
Native American	25	12	7	3	3	0	
Male	19	11	3	2	3	0	
Female	6	1	4	1	0	0	
Asian and Pacific Islander	28	18	3	1	5	1	
Male	16	8	3	1	3	1	
Female	12	10	0	0	2	0	
Other race	2	0	2	0	0	0	
Male	2	0	2	0	0	0	
Female	0	0	0	0	0	0	
Race unknown	5	0	2	0	1	2	
Male	5	0	2	0	1	2	
Female	0	0	0	0	0	0	

**Table A45. Deaths from injuries due to accidents by cause and month, occurrences: Utah, 1997**

Cause of accident	ICD Code	Total	Month											
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total		739	53	52	59	36	71	68	76	73	64	65	56	66
Railway	E800-E807	3	0	0	0	0	0	3	0	0	0	0	0	0
Motor vehicle	E810-E825	406	20	35	28	18	40	39	43	42	39	34	31	37
Water transport	E830-E838	6	0	0	0	1	2	0	0	1	2	0	0	0
Air and space transport	E840-E845	11	0	0	1	1	7	0	0	0	0	0	1	1
Poisoning	E850-E869	22	4	0	4	0	1	2	0	0	2	4	3	2
Falls	E880-E888	113	13	9	12	5	7	11	11	6	8	12	9	10
Fire and flames	E890-E899	13	4	1	2	0	0	1	2	0	0	0	0	3
Nature and environment	E900-E909	13	7	1	0	1	0	0	2	1	0	0	0	1
Drowning and submersion	E910	24	0	1	0	2	3	4	4	8	1	1	0	0
Inhalation and ingestatior of food causing obstruction or suffocation	E911	7	0	0	0	0	0	0	0	1	2	2	1	1
Inhalation and ingestatior of other object causing obstruction or suffocation	E912	12	2	0	0	1	1	2	1	1	2	1	0	1
Mechanical suffocation	E913	15	0	1	4	0	2	2	0	1	0	2	3	0
Hit by object	E916-E918	12	0	0	2	1	1	0	1	4	1	1	1	0
Explosive materials	E923	4	0	0	0	1	0	1	1	1	0	0	0	0
Electric current	E925	1	0	0	0	0	1	0	0	0	0	0	0	0
Machinery	E919	9	1	0	1	0	1	1	2	1	0	0	0	2
Late effects of accidental injury	E929	17	0	1	1	0	2	0	6	1	1	3	1	1
Surgical and medical	E870-E876	3	0	0	0	1	1	0	0	0	0	0	1	0
Other		48	2	3	4	4	2	2	3	5	6	5	5	7

Table A46. Deaths from injuries due to accidents by cause, age and gender, occurrences: Utah, 1997

Cause of accident	Code	ICD	Age and gender																												
			Total			Under 15			15-19			20-24			25-34			35-44			45-54			55-64							
			Total	Male	Female	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F					
Total			739	471	267	69	40	29	90	58	32	86	65	21	78	61	17	79	52	27	75	48	27	49	28	21	212	119	93		
Railway	E800-E807		3	3	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0		
Motor vehicle	E810-E825		406	248	157	41	19	22	79	49	30	64	48	16	51	36	15	43	25	18	39	22	17	29	16	13	59	33	26		
Water transport	E830-E838		6	5	1	0	0	0	0	0	0	1	1	0	3	3	0	2	1	1	0	0	0	0	0	0	0	0	0		
Air and space transport	E840-E845		11	10	1	0	0	0	0	0	0	1	1	0	3	3	0	2	2	0	2	2	0	2	1	1	1	1	0		
Poisoning	E850-E869		22	14	8	0	0	0	0	0	0	1	1	0	2	2	0	5	3	2	8	4	4	1	0	1	5	4	1		
Falls	E880-E888		113	62	51	2	2	0	3	3	0	4	3	1	6	5	1	1	1	0	8	4	4	2	1	1	87	43	44		
Fire and flames	E890-E899		13	11	2	3	3	0	1	1	0	1	1	0	0	0	2	2	0	1	1	0	1	1	0	4	2	2	0		
Nature and environment	E900-E909		13	13	0	1	1	0	0	0	0	0	0	0	3	3	0	4	4	0	1	1	0	0	0	4	4	0	0		
Drowning and submersion	E910		24	19	5	5	4	1	4	3	1	6	5	1	2	2	0	4	3	1	2	1	1	1	0	0	0	0	0		
Inhalation and ingestation of food causing obstruction or suffocation	E911		7	4	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	5	3	2	0	0		
Inhalation and ingestation of other object causing obstruction or suffocation	E912		12	5	7	1	0	1	0	0	0	1	0	1	0	0	0	1	0	1	0	0	2	2	0	7	3	4	0	0	
Mechanical suffocation	E913		15	10	5	5	3	2	0	0	0	1	0	1	1	1	0	2	2	0	1	1	0	1	1	0	4	2	2	0	0
Hit by object	E916-E918		12	11	1	3	2	1	1	1	0	1	1	0	0	0	2	2	0	1	1	0	0	0	4	4	0	0	0	0	
Explosive materials	E923		4	4	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	2	2	0	0	0	0	0	0	0	0		
Electric current	E925		1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Machinery	E919		9	9	0	1	1	0	0	0	0	1	1	0	1	1	0	4	4	0	2	2	0	0	0	0	0	0	0	0	
Late effects of accidental injury	E929		17	11	6	2	2	0	1	0	1	2	2	0	2	1	1	1	0	3	2	1	0	0	0	6	3	3	0		
Surgical and medical	E870-E876		3	2	1	0	0	0	0	0	0	0	0	0	1	0	1	1	0	6	2	4	4	0	9	4	5	24	16	8	
Other			48	29	19	3	2	1	0	0	0	1	0	1	1	0	6	2	4	4	0	9	4	5	24	16	8	0	0		

There is one motor vehicle accident to a male decedent included in the totals where the age is not stated.

**Table A47a. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1997**

Cause of death (9th rev.)	ICD Codes	Total	County								
			Beaver	Box Elder	Cache	Carson	Daggett	Davis	Duchesne	Emery	Gardner
Total		385	0	7	5	19	0	24	1	2	0
Certain other intestinal infections	007-009	0	0	0	0	0	0	0	0	0	0
Tuberculosis	010-018	0	0	0	0	0	0	0	0	0	0
Tuberculosis of respiratory system	010-012	0	0	0	0	0	0	0	0	0	0
Other tuberculosis	013-018	0	0	0	0	0	0	0	0	0	0
Meningococcal infection	036	1	0	0	0	0	0	0	0	0	0
Septicemia	038	5	0	0	0	0	0	0	0	0	0
Viral hepatitis	070	0	0	0	0	0	0	0	0	0	0
Syphilis	090-097	0	0	0	0	0	0	0	0	0	0
All other infectious and parasitic diseases	001-003,005,020-032, 037,039-041,*042-*044, 046-054,056-066, 071-088,098-139	5	0	0	0	0	0	0	0	0	0
Malignant neoplasms	140-208	52	0	1	0	3	0	2	0	1	0
Malignant neoplasms of lip, oral cavity and pharynx	140-149	2	0	0	0	0	0	1	0	0	0
Malignant neoplasms of digestive organs and peritoneum	150-159	16	0	1	0	2	0	0	0	1	0
Malignant neoplasms of respiratory and intrathoracic organs	160-165	9	0	0	0	0	0	0	0	0	0
Malignant neoplasms of breast	174-175	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of genital organs	179-187	9	0	0	0	1	0	0	0	0	0
Malignant neoplasms of urinary organs	188-189	2	0	0	0	0	0	0	0	0	0
Malignant neoplasms of all other and unspecified sites	170-173,190-199	7	0	0	0	0	0	1	0	0	0
Leukemia	204-208	3	0	0	0	0	0	0	0	0	0
Other malignant neoplasms of lymphatic and hematopoietic tissues	200-203	4	0	0	0	0	0	0	0	0	0
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	1	0	0	0	0	0	0	0	0	0
Diabetes mellitus	250	15	0	0	0	2	0	1	0	0	0
Nutritional deficiencies	260-269	0	0	0	0	0	0	0	0	0	0
Anemias	280-285	1	0	0	0	0	0	0	0	0	0
Meningitis	320-322	1	0	0	0	0	0	0	0	0	0
Major cardiovascular diseases	390-448	103	0	4	1	8	0	13	0	1	0
Diseases of heart	390-398,402, 404-429	67	0	3	1	4	0	10	0	0	0

**Table A47a continued. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1997**

Cause of death (9th rev.)	ICD Codes	Total	County								
			Beaver	Box Elder	Cache	Carson	Daggett	Davis	Duchesne	Emergency	Garrison
Rheumatic fever and rheumatic heart disease	390-398	1	0	0	0	0	0	0	0	0	0
Hypertensive heart disease	402	2	0	0	0	1	0	0	0	0	0
Hypertensive heart and renal disease	404	0	0	0	0	0	0	0	0	0	0
Ischemic heart disease	410-414	37	0	3	0	2	0	7	0	0	0
Acute myocardial infarction	410	19	0	3	0	1	0	3	0	0	0
Other acute and subacute forms of ischemic heart disease	411	0	0	0	0	0	0	0	0	0	0
Angina pectoris	413	0	0	0	0	0	0	0	0	0	0
Old myocardial infarction and other forms of chronic ischemic heart disease	412,414	18	0	0	0	1	0	4	0	0	0
Other diseases of endocardium	424	3	0	0	0	0	0	0	0	0	0
All other forms of heart disease	415-423, 425-429	24	0	0	1	1	0	3	0	0	0
Hypertension with or without renal disease	401,403	0	0	0	0	0	0	0	0	0	0
Cerebrovascular diseases	430-438	31	0	1	0	2	0	3	0	0	0
Occlusion of cerebral arteries	434	0	0	0	0	0	0	0	0	0	0
All other and late effects of cerebrovascular disease	430,433, 435-438	31	0	1	0	2	0	3	0	0	0
Atherosclerosis	440	3	0	0	0	1	0	0	0	0	0
Other diseases of arteries, arterioles and capillaries	441-448	2	0	0	0	1	0	0	0	1	0
Pneumonia and influenza	480-487	13	0	0	0	2	0	0	0	0	0
Pneumonia	480-486	13	0	0	0	2	0	0	0	0	0
Influenza	487	0	0	0	0	0	0	0	0	0	0
Chronic obstructive pulmonary diseases and allied conditions	490-496	8	0	0	0	0	0	0	0	0	0
Bronchitis, chronic and unspecified	490-491	0	0	0	0	0	0	0	0	0	0
Emphysema	492	1	0	0	0	0	0	0	0	0	0
Asthma	493	1	0	0	0	0	0	0	0	0	0
Other chronic obstructive pulmonary diseases and allied conditions	494-496	6	0	0	0	0	0	0	0	0	0
Ulcer of stomach and duodenum	531-533	0	0	0	0	0	0	0	0	0	0
Appendicitis	540-543	0	0	0	0	0	0	0	0	0	0

**Table A47a continued. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1997**

Cause of death (9th rev.)	ICD Codes	Total	County								
			Beaver	Box Elder	Cache	Carson	Daggett	Davis	Duchesne	Emery	Gefford
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560	1	0	0	0	0	0	0	0	0	0
Chronic liver disease and cirrhosis	571	14	0	0	0	1	0	0	0	0	0
Cholelithiasis and other disorders of gallbladder	574-575	1	0	0	0	0	0	0	0	0	0
Nephritis, nephrotic syndrome, and nephrosis	580-589	7	0	0	0	0	0	1	0	0	0
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic and renal sclerosis unspecified	582-583,587	1	0	0	0	0	0	0	0	0	0
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586,588-589	6	0	0	0	0	0	1	0	0	0
Infections of kidney	590	0	0	0	0	0	0	0	0	0	0
Hyperplasia of prostate	600	0	0	0	0	0	0	0	0	0	0
Complications of pregnancy, childbirth and the puerperium	630-676	0	0	0	0	0	0	0	0	0	0
Other complications of pregnancy, childbirth and the puerperium	640-676	0	0	0	0	0	0	0	0	0	0
Congenital anomalies	740-759	12	0	0	0	0	0	0	0	0	0
Certain conditions originating in the perinatal period	760-779	10	0	0	1	0	0	0	0	0	0
Birth Trauma, intrauterine hypoxia birth asphyxia, and respiratory distress syndrome	767-769	1	0	0	0	0	0	0	0	0	0
Other conditions originating in the perinatal period	760-766,770-779	9	0	0	1	0	0	0	0	0	0
Symptoms, signs, and ill-defined conditions	780-799	10	0	0	0	0	0	0	0	0	0
Accidents and adverse effects	E800-E949	38	0	1	1	1	0	3	0	0	0
Motor vehicle accidents	E810-E825	29	0	1	0	1	0	3	0	0	0
All other accidents and adverse effects	E800-E807, E826-E949	9	0	0	1	0	0	0	0	0	0
Suicide	E950-E959	18	0	0	0	0	0	0	0	0	0
Homicide and legal intervention	E960-E978	16	0	0	1	0	0	0	0	0	0
All other external causes	E980-E999	14	0	0	1	1	0	1	0	0	0
All other diseases	Residual	39	0	1	0	1	0	3	1	0	0

**Table A47b. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1997**

Cause of death (9th rev.)	ICD Codes	County									
		Gr and	Ir on	Ju ab	Ka ne	Mil la rd	Mo rg an	Pi ute	Rich	Salt Lake	San Juan
Total		0	1	1	1	3	0	0	0	211	0
Certain other intestinal infections	007-009	0	0	0	0	0	0	0	0	0	0
Tuberculosis	010-018	0	0	0	0	0	0	0	0	0	0
Tuberculosis of respiratory system	010-012	0	0	0	0	0	0	0	0	0	0
Other tuberculosis	013-018	0	0	0	0	0	0	0	0	0	0
Meningococcal infection	036	0	0	0	0	0	0	0	0	0	0
Septicemia	038	0	0	0	0	0	0	0	0	4	0
Viral hepatitis	070	0	0	0	0	0	0	0	0	0	0
Syphilis	090-097	0	0	0	0	0	0	0	0	0	0
All other infectious and parasitic diseases	001-003,005,020-032, 037,039-041,*042-*044, 046-054,056-066, 071-088,098-139	0	0	0	0	0	0	0	0	4	0
Malignant neoplasms	140-208	0	1	0	1	0	0	0	0	30	0
Malignant neoplasms of lip, oral cavity and pharynx	140-149	0	0	0	0	0	0	0	0	1	0
Malignant neoplasms of digestive organs and peritoneum	150-159	0	0	0	0	0	0	0	0	9	0
Malignant neoplasms of respiratory and intrathoracic organs	160-165	0	0	0	0	0	0	0	0	4	0
Malignant neoplasms of breast	174-175	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of genital organs	179-187	0	0	0	0	0	0	0	0	6	0
Malignant neoplasms of urinary organs	188-189	0	0	0	0	0	0	0	0	2	0
Malignant neoplasms of all other and unspecified sites	170-173,190-199	0	1	0	0	0	0	0	0	3	0
Leukemia	204-208	0	0	0	0	0	0	0	0	3	0
Other malignant neoplasms of lymphatic and hematopoietic tissues	200-203	0	0	0	1	0	0	0	0	2	0
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	0	0	0	0	0	0	0	0	0	0
Diabetes mellitus	250	0	0	0	0	0	0	0	0	6	0
Nutritional deficiencies	260-269	0	0	0	0	0	0	0	0	0	0
Anemias	280-285	0	0	0	0	0	0	0	0	1	0
Meningitis	320-322	0	0	0	0	0	0	0	0	1	0
Major cardiovascular diseases	390-448	0	0	1	0	0	0	0	0	46	0
Diseases of heart	390-398,402, 404-429	0	0	0	0	0	0	0	0	27	0

**Table A47b continued. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1997**

Cause of death (9th rev.)	ICD Codes	County									
		Gr and	Ir on	Ju ab	Ka ne	Mil la rd	Mo rg an	Pi ute	Rich	Salt Lake	San Juan
Rheumatic fever and rheumatic heart disease	390-398	0	0	0	0	0	0	0	0	0	0
Hypertensive heart disease	402	0	0	0	0	0	0	0	0	1	0
Hypertensive heart and renal disease	404	0	0	0	0	0	0	0	0	0	0
Ischemic heart disease	410-414	0	0	0	0	0	0	0	0	16	0
Acute myocardial infarction	410	0	0	0	0	0	0	0	0	8	0
Other acute and subacute forms of ischemic heart disease	411	0	0	0	0	0	0	0	0	0	0
Angina pectoris	413	0	0	0	0	0	0	0	0	0	0
Old myocardial infarction and other forms of chronic ischemic heart disease	412,414	0	0	0	0	0	0	0	0	8	0
Other diseases of endocardium	424	0	0	0	0	0	0	0	0	1	0
All other forms of heart disease	415-423, 425-429	0	0	0	0	0	0	0	0	9	0
Hypertension with or without renal disease	401,403	0	0	0	0	0	0	0	0	0	0
Cerebrovascular diseases	430-438	0	0	0	0	0	0	0	0	18	0
Occlusion of cerebral arteries	434	0	0	0	0	0	0	0	0	0	0
All other and late effects of cerebrovascular disease	430,433, 435-438	0	0	0	0	0	0	0	0	18	0
Atherosclerosis	440	0	0	1	0	0	0	0	0	1	0
Other diseases of arteries, arterioles and capillaries	441-448	0	0	0	0	0	0	0	0	0	0
Pneumonia and influenza	480-487	0	0	0	0	0	0	0	0	10	0
Pneumonia	480-486	0	0	0	0	0	0	0	0	10	0
Influenza	487	0	0	0	0	0	0	0	0	0	0
Chronic obstructive pulmonary diseases and allied conditions	490-496	0	0	0	0	0	0	0	0	6	0
Bronchitis, chronic and unspecified	490-491	0	0	0	0	0	0	0	0	0	0
Emphysema	492	0	0	0	0	0	0	0	0	1	0
Asthma	493	0	0	0	0	0	0	0	0	1	0
Other chronic obstructive pulmonary diseases and allied conditions	494-496	0	0	0	0	0	0	0	0	4	0
Ulcer of stomach and duodenum	531-533	0	0	0	0	0	0	0	0	0	0
Appendicitis	540-543	0	0	0	0	0	0	0	0	0	0

**Table A47b continued. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1997**

Cause of death (9th rev.)	ICD Codes	County									
		Gr and	Ir on	Ju ab	Ka ne	Mil la rd	Mo rg an	Pi ute	Rich	Salt Lake	San Juan
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560	0	0	0	0	0	0	0	0	1	0
Chronic liver disease and cirrhosis	571	0	0	0	0	0	0	0	0	8	0
Cholelithiasis and other disorders of gallbladder	574-575	0	0	0	0	0	0	0	0	0	0
Nephritis, nephrotic syndrome, and nephrosis	580-589	0	0	0	0	0	0	0	0	2	0
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic and renal sclerosis unspecified	582-583,587	0	0	0	0	0	0	0	0	1	0
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586,588-589	0	0	0	0	0	0	0	0	1	0
Infections of kidney	590	0	0	0	0	0	0	0	0	0	0
Hyperplasia of prostate	600	0	0	0	0	0	0	0	0	0	0
Complications of pregnancy, childbirth and the puerperium	630-676	0	0	0	0	0	0	0	0	0	0
Other complications of pregnancy, childbirth and the puerperium	640-676	0	0	0	0	0	0	0	0	0	0
Congenital anomalies	740-759	0	0	0	0	0	0	0	0	10	0
Certain conditions originating in the perinatal period	760-779	0	0	0	0	0	0	0	0	8	0
Birth Trauma, intrauterine hypoxia birth asphyxia, and respiratory distress syndrome	767-769	0	0	0	0	0	0	0	0	1	0
Other conditions originating in the perinatal period	760-766,770-779	0	0	0	0	0	0	0	0	7	0
Symptoms, signs, and ill-defined conditions	780-799	0	0	0	0	0	0	0	0	8	0
Accidents and adverse effects	E800-E949	0	0	0	0	1	0	0	0	19	0
Motor vehicle accidents	E810-E825	0	0	0	0	1	0	0	0	14	0
All other accidents and adverse effects	E800-E807, E826-E949	0	0	0	0	0	0	0	0	5	0
Suicide	E950-E959	0	0	0	0	1	0	0	0	13	0
Homicide and legal intervention	E960-E978	0	0	0	0	0	0	0	0	10	0
All other external causes	E980-E999	0	0	0	0	0	0	0	0	8	0
All other diseases	Residual	0	0	0	0	1	0	0	0	16	0

**Table A47c. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1997**

Cause of death (9th rev.)	ICD Codes	County									
		San pete	Sev ier	Sum mit	Too ele	Uin tah	Utah	Wa satch	Wash ing ton	Way ne	We ber
Total		4	0	0	15	2	25	0	4	0	60
Certain other intestinal infections	007-009	0	0	0	0	0	0	0	0	0	0
Tuberculosis	010-018	0	0	0	0	0	0	0	0	0	0
Tuberculosis of respiratory system	010-012	0	0	0	0	0	0	0	0	0	0
Other tuberculosis	013-018	0	0	0	0	0	0	0	0	0	0
Meningococcal infection	036	0	0	0	0	0	0	0	0	0	1
Septicemia	038	0	0	0	0	0	1	0	0	0	0
Viral hepatitis	070	0	0	0	0	0	0	0	0	0	0
Syphilis	090-097	0	0	0	0	0	0	0	0	0	0
All other infectious and parasitic diseases	001-003,005,020-032, 037,039-041,*042-*044, 046-054,056-066, 071-088,098-139	0	0	0	0	0	0	0	0	0	1
Malignant neoplasms	140-208	0	0	0	5	0	1	0	0	0	7
Malignant neoplasms of lip, oral cavity and pharynx	140-149	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of digestive organs and peritoneum	150-159	0	0	0	1	0	0	0	0	0	2
Malignant neoplasms of respiratory and intrathoracic organs	160-165	0	0	0	2	0	0	0	0	0	3
Malignant neoplasms of breast	174-175	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of genital organs	179-187	0	0	0	1	0	0	0	0	0	1
Malignant neoplasms of urinary organs	188-189	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of all other and unspecified sites	170-173,190-199	0	0	0	0	0	1	0	0	0	1
Leukemia	204-208	0	0	0	0	0	0	0	0	0	0
Other malignant neoplasms of lymphatic and hematopoietic tissues	200-203	0	0	0	1	0	0	0	0	0	0
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	0	0	0	0	0	1	0	0	0	0
Diabetes mellitus	250	1	0	0	1	0	2	0	0	0	2
Nutritional deficiencies	260-269	0	0	0	0	0	0	0	0	0	0
Anemias	280-285	0	0	0	0	0	0	0	0	0	0
Meningitis	320-322	0	0	0	0	0	0	0	0	0	0
Major cardiovascular diseases	390-448	1	0	0	3	1	6	0	2	0	16
Diseases of heart	390-398,402, 404-429	1	0	0	2	1	6	0	1	0	11

Table A47c continued. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1997

Cause of death (9th rev.)	ICD Codes	County									
		San pete	Sev ier	Sum mit	Too ele	Uin tah	Utah	Wa satch	Wash ing ton	Way ne	We ber
Rheumatic fever and rheumatic heart disease	390-398	0	0	0	0	0	0	0	0	0	1
Hypertensive heart disease	402	0	0	0	0	0	0	0	0	0	0
Hypertensive heart and renal disease	404	0	0	0	0	0	0	0	0	0	0
Ischemic heart disease	410-414	0	0	0	1	1	3	0	0	0	4
Acute myocardial infarction	410	0	0	0	0	1	1	0	0	0	2
Other acute and subacute forms of ischemic heart disease	411	0	0	0	0	0	0	0	0	0	0
Angina pectoris	413	0	0	0	0	0	0	0	0	0	0
Old myocardial infarction and other forms of chronic ischemic heart disease	412,414	0	0	0	1	0	2	0	0	0	2
Other diseases of endocardium	424	1	0	0	0	0	0	0	0	0	1
All other forms of heart disease	415-423, 425-429	0	0	0	1	0	3	0	1	0	5
Hypertension with or without renal disease	401,403	0	0	0	0	0	0	0	0	0	0
Cerebrovascular diseases	430-438	0	0	0	1	0	0	0	1	0	5
Occlusion of cerebral arteries	434	0	0	0	0	0	0	0	0	0	0
All other and late effects of cerebrovascular disease	430,433, 435-438	0	0	0	1	0	0	0	1	0	5
Atherosclerosis	440	0	0	0	0	0	0	0	0	0	0
Other diseases of arteries, arterioles and capillaries	441-448	0	0	0	0	0	0	0	0	0	0
Pneumonia and influenza	480-487	0	0	0	0	0	0	0	0	0	1
Pneumonia	480-486	0	0	0	0	0	0	0	0	0	1
Influenza	487	0	0	0	0	0	0	0	0	0	0
Chronic obstructive pulmonary diseases and allied conditions	490-496	0	0	0	0	0	1	0	0	0	1
Bronchitis, chronic and unspecified	490-491	0	0	0	0	0	0	0	0	0	0
Emphysema	492	0	0	0	0	0	0	0	0	0	0
Asthma	493	0	0	0	0	0	0	0	0	0	0
Other chronic obstructive pulmonary diseases and allied conditions	494-496	0	0	0	0	0	1	0	0	0	1
Ulcer of stomach and duodenum	531-533	0	0	0	0	0	0	0	0	0	0
Appendicitis	540-543	0	0	0	0	0	0	0	0	0	0

**Table A47c continued. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1997**

Cause of death (9th rev.)	ICD Codes	County									
		San pete	Sev ier	Sum mit	Too ele	Uin tah	Utah	Wa satch	Wash ing ton	Way ne	We ber
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560	0	0	0	0	0	0	0	0	0	0
Chronic liver disease and cirrhosis	571	0	0	0	0	0	1	0	0	0	4
Cholelithiasis and other disorders of gallbladder	574-575	0	0	0	0	0	0	0	0	0	1
Nephritis, nephrotic syndrome, and nephrosis	580-589	0	0	0	2	0	0	0	0	0	2
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic and renal sclerosis unspecified	582-583,587	0	0	0	0	0	0	0	0	0	0
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586,588-589	0	0	0	2	0	0	0	0	0	2
Infections of kidney	590	0	0	0	0	0	0	0	0	0	0
Hyperplasia of prostate	600	0	0	0	0	0	0	0	0	0	0
Complications of pregnancy, childbirth and the puerperium	630-676	0	0	0	0	0	0	0	0	0	0
Other complications of pregnancy, childbirth and the puerperium	640-676	0	0	0	0	0	0	0	0	0	0
Congenital anomalies	740-759	0	0	0	0	0	0	0	0	0	2
Certain conditions originating in the perinatal period	760-779	0	0	0	0	0	1	0	0	0	0
Birth Trauma, intrauterine hypoxia birth asphyxia, and respiratory distress syndrome	767-769	0	0	0	0	0	0	0	0	0	0
Other conditions originating in the perinatal period	760-766,770-779	0	0	0	0	0	1	0	0	0	0
Symptoms, signs, and ill-defined conditions	780-799	0	0	0	0	0	0	0	1	0	1
Accidents and adverse effects	E800-E949	0	0	0	1	0	3	0	1	0	7
Motor vehicle accidents	E810-E825	0	0	0	1	0	3	0	1	0	4
All other accidents and adverse effects	E800-E807, E826-E949	0	0	0	0	0	0	0	0	0	3
Suicide	E950-E959	0	0	0	0	0	2	0	0	0	2
Homicide and legal intervention	E960-E978	0	0	0	0	0	2	0	0	0	3
All other external causes	E980-E999	0	0	0	1	0	0	0	0	0	2
All other diseases	Residual	2	0	0	2	1	4	0	0	0	7

**Table A48. Deaths to decedents of Spanish origin by health district, county of residence, age and gender: Utah, 1997**

Cause of death (9th rev.)	ICD Code	All ages	Age										75 and over
			Under	1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	
Total		385	28	6	5	38	34	30	31	44	61	107	
Certain other intestinal infections	007-009	0	0	0	0	0	0	0	0	0	0	0	
Tuberculosis	010-018	0	0	0	0	0	0	0	0	0	0	0	
Tuberculosis of respiratory system	010-012	0	0	0	0	0	0	0	0	0	0	0	
Other tuberculosis	013-018	0	0	0	0	0	0	0	0	0	0	0	
Meningococcal infection	036	1	0	0	0	0	0	0	0	0	0	1	0
Septicemia	038	5	0	0	0	0	0	0	0	2	1	2	0
Viral hepatitis	070	0	0	0	0	0	0	0	0	0	0	0	0
Syphilis	090-097	0	0	0	0	0	0	0	0	0	0	0	0
All other infectious and parasitic diseases	001-003,005,020-032, 037,039-041,*042-*044, 046-054,056-066, 071-088,098-139	5	1	0	0	0	0	1	1	2	0	0	0
Malignant neoplasms	140-208	52	0	1	0	2	2	2	3	15	9	18	
Malignant neoplasms of lip, oral cavity and pharynx	140-149	2	0	0	0	0	0	0	1	1	0	0	
Malignant neoplasms of digestive organs and peritoneum	150-159	16	0	0	0	1	1	0	2	4	1	7	
Malignant neoplasms of respiratory and intrathoracic organs	160-165	9	0	0	0	0	0	0	0	4	2	3	
Malignant neoplasms of breast	174-175	0	0	0	0	0	0	0	0	0	0	0	
Malignant neoplasms of genital organs	179-187	9	0	0	0	0	0	1	0	1	3	4	
Malignant neoplasms of urinary organs	188-189	2	0	0	0	0	0	0	0	1	0	1	
Malignant neoplasms of all other and unspecified sites	170-173,190-199	7	0	1	0	0	1	1	0	1	2	1	
Leukemia	204-208	3	0	0	0	0	0	0	0	0	2	0	1
Other malignant neoplasms of lymphatic and hematopoietic tissues	200-203	4	0	0	0	1	0	0	0	1	1	1	
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	1	0	0	0	0	1	0	0	0	0	0	
Diabetes mellitus	250	15	0	0	0	0	0	2	0	2	4	7	
Nutritional deficiencies	260-269	0	0	0	0	0	0	0	0	0	0	0	
Anemias	280-285	1	0	0	0	0	0	0	0	0	0	0	1
Meningitis	320-322	1	0	0	0	0	0	0	0	0	0	0	1
Major cardiovascular diseases	390-448	103	1	2	1	1	2	3	6	13	24	50	
Diseases of heart	390-398,402, 404-429	67	1	2	1	1	1	2	5	9	15	30	

**Table A48 continued. Deaths to decedents of Spanish origin by health district, county of residence, age and gender: Utah, 1997**

Cause of death (9th rev.)	ICD Code	All ages	Age									75 and over	
			Under	1	1-4	5-14	15-24	25-34	35-44	45-54	55-64		
Rheumatic fever and rheumatic heart disease	390-398	1	0	0	0	0	0	0	0	0	0	1	0
Hypertensive heart disease	402	2	0	0	0	0	0	0	0	1	0	1	0
Hypertensive heart and renal disease	404	0	0	0	0	0	0	0	0	0	0	0	0
Ischemic heart disease	410-414	37	0	0	0	0	0	0	2	3	6	8	18
Acute myocardial infarction	410	19	0	0	0	0	0	0	2	2	3	2	10
Other acute and subacute forms of ischemic heart disease	411	0	0	0	0	0	0	0	0	0	0	0	0
Angina pectoris	413	0	0	0	0	0	0	0	0	0	0	0	0
Old myocardial infarction and other forms of chronic ischemic heart disease	412,414	18	0	0	0	0	0	0	0	1	3	6	8
Other diseases of endocardium	424	3	0	1	0	0	0	0	0	1	0	1	0
All other forms of heart disease	415-423, 425-429	24	1	1	1	1	1	0	0	3	4	12	
Hypertension with or without renal disease	401,403	0	0	0	0	0	0	0	0	0	0	0	0
Cerebrovascular diseases	430-438	31	0	0	0	0	0	1	1	1	4	8	16
Occlusion of cerebral arteries	434	0	0	0	0	0	0	0	0	0	0	0	0
All other and late effects of cerebrovascular disease	430,433, 435-438	31	0	0	0	0	0	1	1	1	4	8	16
Atherosclerosis	440	3	0	0	0	0	0	0	0	0	0	0	3
Other diseases of arteries, arterioles and capillaries	441-448	2	0	0	0	0	0	0	0	0	0	1	1
Pneumonia and influenza	480-487	13	1	0	0	0	0	2	0	0	1	2	7
Pneumonia	480-486	13	1	0	0	0	0	2	0	0	1	2	7
Influenza	487	0	0	0	0	0	0	0	0	0	0	0	0
Chronic obstructive pulmonary diseases and allied conditions	490-496	8	0	0	0	0	0	0	0	0	1	4	3
Bronchitis, chronic and unspecified	490-491	0	0	0	0	0	0	0	0	0	0	0	0
Emphysema	492	1	0	0	0	0	0	0	0	0	0	0	1
Asthma	493	1	0	0	0	0	0	0	0	0	1	0	0
Other chronic obstructive pulmonary diseases and allied conditions	494-496	6	0	0	0	0	0	0	0	0	0	4	2
Ulcer of stomach and duodenum	531-533	0	0	0	0	0	0	0	0	0	0	0	0
Appendicitis	540-543	0	0	0	0	0	0	0	0	0	0	0	0

**Table A48 continued. Deaths to decedents of Spanish origin by health district, county of residence, age and gender: Utah, 1997**

Cause of death (9th rev.)	ICD Code	All ages	Age									75 and over
			Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560	1	0	0	0	0	0	0	0	0	0	1
Chronic liver disease and cirrhosis	571	14	0	0	0	0	2	4	0	3	3	2
Cholelithiasis and other disorders of gallbladder	574-575	1	0	0	0	0	0	0	1	0	0	0
Nephritis, nephrotic syndrome, and nephrosis	580-589	7	0	0	0	1	0	0	0	2	2	2
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic and renal sclerosis unspecified	582-583,587	1	0	0	0	0	0	0	0	0	0	1
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586,588-589	6	0	0	0	1	0	0	0	2	2	1
Infections of kidney	590	0	0	0	0	0	0	0	0	0	0	0
Hyperplasia of prostate	600	0	0	0	0	0	0	0	0	0	0	0
Complications of pregnancy, childbirth and the puerperium	630-676	0	0	0	0	0	0	0	0	0	0	0
Other complications of pregnancy, childbirth and the puerperium	640-676	0	0	0	0	0	0	0	0	0	0	0
Congenital anomalies	740-759	12	8	2	0	1	0	0	0	1	0	0
Certain conditions originating in the perinatal period	760-779	10	9	0	0	1	0	0	0	0	0	0
Birth Trauma, intrauterine hypoxia birth asphyxia, and respiratory distress syndrome	767-769	1	0	0	0	1	0	0	0	0	0	0
Other conditions originating in the perinatal period	760-766,770-779	9	9	0	0	0	0	0	0	0	0	0
Symptoms, signs, and ill-defined conditions	780-799	10	5	0	0	0	0	1	0	1	1	2
Accidents and adverse effects	E800-E949	38	1	0	2	13	9	5	3	0	2	2
Motor vehicle accidents	E810-E825	29	0	0	2	11	7	3	3	0	1	1
All other accidents and adverse effects	E800-E807, E826-E949	9	1	0	0	2	2	2	0	0	1	1
Suicide	E950-E959	18	0	0	0	7	4	4	2	1	0	0
Homicide and legal intervention	E960-E978	16	1	0	1	9	4	1	0	0	0	0
All other external causes	E980-E999	14	0	0	0	1	7	4	2	0	0	0
All other diseases	Residual	39	1	1	1	2	0	3	10	3	7	11

There is one motor vehicle accident to a male decedent included in the totals where the age is not stated.

*1997 Technical Appendix:*

## **Births and Deaths**



## **TECHNICAL APPENDIX**

### **Vital Statistics Registration in Utah**

Centralized vital statistics registration for the State of Utah was first established by act of the Utah Legislature in 1905. Sections 26-2-1 through 26-2-27, Utah Code Annotated, 1953 as amended, provide the current statutory authority.

26-2-3. The department shall have the following powers and duties:

- (1) provide offices properly equipped for the preservation of vital records made or received under this chapter;
- (2) establish a statewide system of vital statistics for the registration, collection, preservation, amendment and certification of vital records and other reports required by this chapter and activities related thereto including the tabulation, analysis, and publication of vital statistics;
- (3) prescribe forms for certificates, certification, and other necessary forms;
- (4) provide for the annual compilation, analysis, and publication of statistics from vital records;
- (5) enforce this chapter and the rules made pursuant hereto;
- (6) appoint a state registrar of vital statistics to direct the statewide system of vital statistics;
- (7) divide the state from time to time into registration districts; and
- (8) appoint local registrars for registration districts who, under the direction and supervision of the state registrar, shall perform all duties required of them by this chapter and the rules of the department.

Under Utah's statutes, full-time health officers of local health departments become ex officio local registrars and are responsible for the registration of certificates for all births and deaths that occur within their respective jurisdictions. Figure A-1 is a list of local health departments, registrars and deputy registrars. Each of the twelve local health departments reside over a local health district. The local health districts (also referred to as "districts" in this report) and respective counties are Bear River (Box Elder, Cache and Rich), Central Utah (Juab, Millard, Piute, Sanpete, Sevier and Wayne), Davis, Salt Lake, Southeastern (Carbon, Emery, Grand and San Juan), Southwest (Beaver, Garfield, Iron, Kane and Washington), Summit, Tooele, Uintah Basin (Daggett, Duchesne, and Uintah), Utah, Wasatch, and Weber-Morgan (Morgan and Weber). Figure A-2 is a Utah map which shows the county boundaries.

### **Source of Data**

Vital statistics certificates filed with the state Bureau of Vital Records are the primary source of data presented within this report. These records include certificates of live birth, death and fetal death. Source data of official population estimates for the state are provided by the Governor's Office of Planning and Budget.

### **Forms for certificates**

Utah's certificates of live birth, death and fetal death are revised periodically to include items on the recommended national "Standard Certificates," with modifications and additions to meet particular needs in Utah. The live birth certificate has not been significantly revised since 1993, and the death and fetal death certificates have not been significantly revised since 1989 (Figures A-3, A-4 and A-5).

### **Quality and Limitations of Data**

Limitations of the data must be recognized before valid interpretation is possible. For vital statistics data, these limitations are related to the difficulties in reporting and classifying information and to some under-registration of events. It is necessary to exercise particular caution when evaluating vital statistics trend data, since medical concepts, code

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See the Figure A-2 bookmark in the left margin.

See the Figure A-3 bookmark in the left margin.

See the Figure A-4 bookmark in the left margin.

See the Figure A-5 bookmark in the left margin.

See the Figure A-6 bookmark in the left margin.

The completeness of registration for births was last tested at the state level in conjunction with the 1950 U.S. Census of the Population and was found to be 98.7 percent complete at that time. At the present time, more than 99 percent of all Utah's resident births occur in hospitals. This fact, coupled with information from sample studies, indicates that the completeness of birth certificate registration now exceeds 99 percent.

The registration of fetal deaths at 20 weeks or more gestation is required by statute. Since May 1981, the institution where the delivery occurs has the responsibility for filing a fetal death certificate if the delivery results in a fetal death. Fetal death certificates are to be registered by the fifth day after the delivery and before disposition of the remains. Most deliveries (99%) occur in hospitals and women who miscarry unexpectedly at 20 weeks or more are usually taken to a hospital if they are not already there. Funeral directors are responsible for checking that a fetal death certificate has been filed for all such dispositions they handle.

### **Limitation of Small Numbers**

All statistics are subject to chance variation. Such random variation in a large number of events has little effect on the data for the group; however, random variation in a small number of events may result in a startling change in the data for the group. For example, minor differences in the number of births or deaths in small populations or in the number of deaths from uncommon causes may result in large changes in these rates. Rates for areas of small population or for events with few occurrences should be interpreted with this limitation in mind.

### **Cause of Death**

Cause of death statistics are derived from the medical certification information required by law to be reported on the death or fetal death certificate by the attending physician or medical examiner. The medical certification item on certificates of death and fetal death has a provision for reporting three causes of death--immediate, intervening, and underlying, plus additional information related to the cause of death.

The cause of death selected for coding and tabulating mortality statistics is the "underlying cause of death," which is generally defined as the disease or injury which initiated the sequence of morbid events leading directly to death.

Occasionally, death certificates are registered with the cause of death information incomplete, inconsistent, or equivocal, and additional information from the certifier is not available. In such cases, selection and modification rules are used to select the underlying cause of death for statistical purposes. Selection and modification rules which adapt the coding procedures to reporting practices in the United States are published by the Public Health Service, National Center for Health Statistics, in annual editions of the Vital Statistics Instructional Manual. From January 1, 1968 through December 31, 1978, the Eighth Revision International Classification of Diseases was used in classifying the underlying cause of death on Utah's death certificates. Starting January 1, 1979, the Ninth Revision of the International Classification of Diseases has been used to code the underlying cause of death in Utah. Comparability ratios between revisions have been computed by the National Center for Health Statistics<sup>1</sup> and have been published in the Utah Vital Statistics, Annual Report: 1980. Comparability ratios for some cause of death codes show extreme variation and utmost caution should be taken in interpreting any cause of death trends that span the Eighth and Ninth Revisions of the International Classification of Disease.

### **Geographic Bases**

Birth and death data can be presented by place of occurrence of the event or by place of usual residence of the individual. For deaths, "place of residence" for the decedent is defined as the usual residence of the decedent. For births, "place of residence" for the child is defined as the usual residence of the mother.

Reallocation of birth and death certificates to the state of residence has been virtually complete on a nationwide basis since 1955. This is made possible by a cooperative program among the states for exchange of copies of certificates of non-resident events for statistical purposes only.

deaths by place of occurrence rather than by place of residence. Statistical tabulations of accidental deaths "by place of occurrence" refer to the place where the death occurred, and not the place where the accident occurred. A hypothetical example may help to clarify the above explanation. Assume that a resident of Denver, Colorado is involved in a motor vehicle accident in Wendover, Nevada and requires emergency aid of a special nature. The closest available facility is the Tooele Valley Hospital in Tooele, Utah. After arriving at the hospital, the patient succumbs to conditions arising from the accident. In such cases, the "place of occurrence" of the death for statistical purposes would be Tooele, Utah, not Wendover, Nevada; however, there can also be a table of accidental deaths by place where the accident occurred. In this example, the death would be classified as an accidental death to a non-resident which occurred in Utah. The place where the accident occurred would be out-of-state (Wendover, Nevada).

### **Race/Ethnic Origin**

The Utah Department of Health began tabulating birth data by race of mother in the 1990 data year. Prior to 1990, birth data was tabulated by race of infant. This change corresponds to the 1989 revision of the Utah birth certificate. Caution should be used when comparing the racial classification of birth data prior to 1990 with data collected in 1990 and later. An explanation of the factors that brought about the racial classification change of birth data and the problems of analyzing the trend data is available in Utah's Vital Statistics Annual Report: 1990.

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<sup>1</sup>National Center for Health Statistics, "Estimates of Selected Comparability Ratios Based on Dual Coding of 1976 Death Certificates by the Eighth and Ninth Revisions of the International Classification of Diseases," Monthly Vital Statistics Report, 28, 11(S), pp 12-13, Hyattsville MD, Public Health Service, February 29, 1980.



# *Errata*



Errata Table 17. Leading causes of death and death rates: United States and Utah, 1996

United States <sup>1</sup>				Utah			
Rank	Cause	ICD Code	Rate per 100,000 population	Rank	Cause	Number	Rate per 100,000 population
	Total		875.4		Total	10,974	548.1
1.	Diseases of heart	390-398,402, 404-429	276.6	1.	Diseases of heart	2,827	141.2
2.	Malignant neoplasms	140-208	205.2	2.	Malignant neoplasms	2,085	104.1
3.	Cerebrovascular diseases	430-438	60.5	3.	Cerebrovascular diseases	849	42.4
4.	Chronic obstructive pulmonary diseases and allied conditions	490-496	40.0	4.	Accidents and adverse effects Motor vehicle accidents All other accidents	587 313 274	29.3 15.6 13.7
5.	Accidents and adverse effects Motor vehicle accidents All other accidents	E800-E949	35.4 16.4 19.0	5.	Pneumonia and influenza	475	23.7
6.	Pneumonia and influenza	480-487	31.1	6.	Chronic obstructive pulmonary diseases and allied conditions	458	22.9
7.	Diabetes mellitus	250	23.2	7.	Diabetes mellitus	420	21.0
8.	Human immunodeficiency virus infection	*042-*044	12.3	8.	Suicide	288	14.4
9.	Suicide	E950-E959	11.6	9.	Congenital anomalies	135	6.7
10.	Chronic liver diseases and cirrhosis	571	9.5	10.	Nephritis, nephrotic syndrome and nephrosis	115	5.7
11.	Nephritis, nephrotic syndrome and nephrosis	580-589	9.2	11.	Certain conditions originating in the perinatal period	92	4.6
12.	Septicemia	38	8.1	12.	Chronic liver diseases and cirrhosis	87	4.3
13.	Alzheimer's disease	331	8.0	13.	Septicemia	86	4.3
14.	Homicide and legal intervention	E960-E978	7.8	14.	Atherosclerosis	74	3.7
15.	Atherosclerosis	440	6.3	15.	Homicide and legal intervention	69	3.4
	... All other causes		130.6		... All other causes	2,327	116.2

<sup>1</sup>Source: National Center for Health Statistics; "Births and Deaths: United States, 1996"; *Monthly Vital Statistics Report*, 46, 1(S); Hyattsville, Maryland; Public Health Service; September 11, 1997.

\*In 1987 under advice from the National Center for Health Statistics, Utah began to code acquired immunodeficiency syndrome (AIDS) and AIDS related deaths as codes 042-044



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